CHAP	2		SP 108		SERVICI	ING PR	OCEDU	IRES		AP		B-1000- ection			120		
TRADE			FLT SYST	C	L J	IGHTNI	NG			(Edition				ACT	
SHEET	1	0F	54 SH	HEET/S	3	nye danaman,	5	6	AL	NO -	12	DATE	2. Le 19	B. Marie	TIME	H	
TITLE	Flig!	ht (Control S	System	- Funct	tiona	l Te	st	SERV AC N	/ICIN	G RE	CORD -	RAF F	.2988B	-	EST	
Safety with t	and S hrough	Servi hout	icing Note the work	s are to	o be comp d on this	olied s Card	dicar.		(1)	(2)		(3)	(4) (5)	-	Ц	
			nd Equipme	ent	22.574	CIT ENSI	25 J. H		HOURS	DE SMEN NIT		AILS OF SUSPECTI	720B NO				
Test Test Test	Set I Set I Set M	Type Pito Mk 1		Simulat	cor).			Frida Arvo	MAN	TRADE		5M3	<u>.</u>	1 ()			
NB .1	power plugg test Mod 4 autor Atter will Warni Inter	r su ging soc 4146 pilo ntio fla ing rloc	this Procupply is ginto or cket 'L'. fincorport failur on Getter ash and Fanel with Checks of cancel	to be r unplu orates re; if r and C Panel ! ill ill s, all lled.	set to agging f indicat embodie Cancel A 'AP' on luminate such in	'OFF' from a tions ed the Alarm the S	befaircr of butt Stand uring	fore raft tons dard							1	ED PRUCEDURE CARDS	
				AIRFRAM	E					14						ASSOCIATED	
1.1	Prepa	rol	surface	Fit	to cont	rol s	surfe	aces					T T	I M		ASS	
1.2	Hydragroun	auli	ic	(i) (ii)	aircr	raft.											
			surfaces		ıre unok	struc	cted.	akled	SUNION							-	
	(b) A (c) R		erons.)	Trim	n to neu	ıtral											ļ
	(d) I	lail	lplane.	posi	n to rig tion. ninutes)	(8 de	gree:	3 5								TRADES	
	Tailp syste	_	ne feel	Swit	ch on.												
			NEXUL	in front St									2 4			ASSOCIATED	
															1	O N O	
SMS/8	80/4	-53,	16						Co	ntinu	ued				1		

CHAP	2	FLT SYST	SERVICING PROCEDURES		AP	101B-1000-5A3	E	I state and the same
SP NO	108	CONTINUED	LIGHTWING			Section (1st Edition)	1	
SHEET	3	ring of the second of the second		AC		DATE .		
Safety	and Se	rvicing Notes a	re to be complied with throughout		THE RESIDENCE OF THE PERSON.	RVICING RECORD	THE PERSON NAMED IN	
the wo	rk deta	iled on this car	rd.	(1)	(2)	(3)	(4)	(5)
			THE PLANT		-		- Application	
			FLT SYST					
2.	Pre	paration (Contd)					
2.11	Mk 1	+ Pitot/Stat:	ic Thomas and the		Tests	DING RANGE	1.4.1	
		t set. (Conto		1		- beed dW	12.1	
	(b)	Balance				177		
		valve.) Set to (DN).			retruit (a)		
	(c)	Static) meaning world (14)			, ciertanea		
	(d)	valve. Pitot) Close.					
	(u)	valve.	The substitution of the second		7 44	digital (m)		
	(e)) 170 marries octional			Manager Tage		
		atmos valve						
	(f)	Pump On/Off	f Set to 'ON'.					F 6 L
	(g)	switch. Pitot	Address to and total				1	
	(8)	valve.	Adjust to set test set ASI to between 320 and		1 1			
			380 kts.					
			AIR COMMS					
7	D		AIR COUNTS				p.	
3.	No. of the Comments of the Com	paration	200 voda stadne		y me			
3.1		set type 39	91.					
	(a)	Set.	Position as close to	1	et in			
			localizer aerial as possible.		TLa.			
	(b)	Supply.	Connect, ensuring correct					
		1	polarity.				01.	
	(c)	Switch.	Set to 'ON'.	-				
3.2		master	Set to 'ON'.				10.	
	swit	ch.						
3.3		channel	Set working frequency					
	swit	ch.	of test set.					
	Andrew Constitution of the Australia		FLT SYST		- Carto	tive Thygh	90.	
NB	Duri	ng Item 4 +2	ne Pitot/Static test set ASI				yes[h	
			be maintained at between			a supris	EX	
		and 380 knot				date (m)		
4.	Inte	rlock Checks	5 Titles and should			and the		
4.1	PCU.		a way and			distribute	-	
	(a)	Master				in Control of the	design	
		switch.) Set to 'OFF'.			W sabrat (a)		
	(b)	Stab switch	i.)			board off		
	(c)	Supplies M1	Ensure show off.					
	(d)	Mode M1.) District Silow Off.					
SMS/	80/4	-53/7		Con	tinued			
2 6.44 400	1	/ /		A CONTRACTOR OF THE PARTY OF TH	AT DE LEGEN STORY			

CHAP SP NO	108	FLT SYST	SERVICING PROCEDURES LIGHTNING			Se	oction Rdition)	1	
SHEET	4		A Company of the Comp	AC I			. DATE .		
afety	and Se	rvicing Notes are t	o be complied with throughout	77.0s 1			G RECORD		
		iled on this card.		(1)	(2)		(3)	(4)	(5)
		FLT	SYST						
4.	Inter	clock Check (Con	ntd)						
4.2	FD/AI	switch.	Set to 'OFF'.		200				
4.3	FD be	ead.	Ensure at top right.	nda	602				
4.4	PCU. (a) I swite	Master ch.	(i) Set to 'ON'. (ii) Allow 3 minutes warm up period.		50u 19 51	alek rlev syta rlev			
		Supplies M1. Mode M1.	Ensure shows Black. Ensure shows Off.						
4.5	FD be	ead.	Ensure remains at top right.	770	ir to	entre Entre Franç			
4.6	PCU a	attitude ch.	Select.	A THE PROPERTY OF THE PARTY OF	320	t dwe draifi d law			
4.7	FD/Al	e switch.	Set to 'AP'.	100					
4.8	FD be	ead.	Ensure remains at top right.						
4.9		Supplies M1.)	Ensure show Off.	BE		407		1	
	(c)	Stab switch.	Set to 'STAB'.						
		Supplies M1.)	Ensure show Off.		* Y.	W. W. LEW			
4.10	FD b	ead.	Ensure remains at top right.		. DE	17 J. WIL			
4.11	(b)	Stab) switch.) Master) switch.)	Set to 'OFF'.		4.0		ne Livi Letiva In Sall Carlung		
4.12	FD/A	P switch.	(i) Set to 'OFF'. (ii) Set to 'AP'.	112				i la	
4.13		Stab	Set to 'STAB'.	0 00 249		80 1			
	(b)	switch. Master switch.	Set to 'ON'.	22	Pare	nlan.	13 EX EX		4.
		Supplies M1.) Mode M1.	Ensure show Off.	7.5	i wall			, VY	
4.14	FD b	ead.	Ensure at top right.	1.17	inca i	119.60		1	
		4-53/7A			ntinu	<u></u>			

CHAP	2	NAV INST	SERVICING PROCEDURES		AP	101B-1000-5A3 I	3	ruis
SP NO	108	CONTINUED	LIGHTNING			Section (1st Edition)		
SHEET	5	Hara and the same	iki danasa	AC I	NO .	DATE .		
Safety	and S	ervicing Notes are	to be complied with throughout	10	Market Street	RVICING RECORD	10. 10.11	rie2
the wo	rk det	ailed on this card.		(1)	(2)	(3)	(4)	(5
		NAV IN	STRUMENTS	e propiet		V Total		
4.	Int	erlock Checks	(Contd)	-		Lionizate		-
4.15		Stab) switch.) Master)	Set to 'OFF'.	B		Ja 36 (A) Ja 36 (A) Ja 36 (A) Ja 36 (A) Ja 36 (A)		
		switch.)				ed dispr		
4.16	FD/	AP switch.	(i) Set to 'OFF'. (ii) Set to 'AP'.			correct tangen	. 6	
4.17		Master switch.	Set to 'ON'.		· 1	1999 (a) Supposting (a) Newstard		
	(c)	Stab switch. Supplies M1.) Mode M1.	Set to 'STAB'. Ensure show Off.			Alberta (a) Alberta (a) Alberta (a)		
4.18		bead.	Ensure at top right.			Totals (d)		
4.19	PCU (a)	Master)	218901-93 8e			ericken		
	(b)	switch.) Stab) switch.)	Set to 'OFF'.			utiot modulati (ut adotion		
4.20	FD/	AP switch.	Set to 'OFF'.					
4.21		stab tch.	Set to 'STAB'.			satwa KAlui		
4.22	FD/	AP switch.	Set to 'AP'.			Land II		
4.23	PCU (a)		Set to 'ON'.		W i	au Tayu E. Lu		
		Supplies M1.) Mode M1.	Ensure show Off.			FM meetile (12) Darmonale (12) Life Justin		
4.24	FD	bead.	Ensure at top right.			ad their Self-		
4.25	PCU (a)	Stab) switch.				Liand ()		
	(b)	Master) switch.	Set to 'OFF'.			- ob ESD (se		
4.26	FD/	AP switch.	Set to 'OFF'.			depute it		
						, do de per		
RM 52	010/	70		Cor	tinue	d. b	TO WELL	Title

SHEET Safety a	k detailed on this card	to be complied with throughout	AC N		(1st Edition		
Safety a	and Servicing Notes are		AC N	10	DAT	TET .	
the wor	k detailed on this card			दमा	RVICING RE	THE RESERVE OF THE PERSON NAMED IN	• • •
4.	NAV INS		(1)	(2)	(3)	(4)	(5)
4.		TRUMENTS					
	Interlock Checks	(Contd)	Cas				
4.27	PCU.	J. Bu man	1	11.15.10.1		P.C.D.L	134
70-1	(a) Stab	Set to 'STAB'.			de fE	dish a	
	(b) Master switch.	Set to 'ON'.			adoz turi yerradi	(e)	
4.28	FD/AP switch.	Set to 'AP'.			. 100 411 776		
4.29	FD bead.	Ensure at top right.			ASSESSED IN		
4.30	PCU.				This		
	(a) Supplies M1.) (b) Mode M1.	Ensure show Off.			ng serbahan Literatur		
4.31	PCU.			in i	we dalk		
	(a) Stab) switch.			T	eri Coggaria		
	(b) Master)	Set to 'OFF'.			IN TELES	-6-20	1
	switch.				Tiene	do sta	7.10
4.32	FD/AP switch.	Set to 'OFF'.					4-12
4.33	PCU.				series in budge		
	(a) Master)				, digital	100	
	switch.) (b) Stab)	Set to 'ON'.					
	switch.				Critical -		1
4.34	FD/AP switch.	Set to 'AP'.			View I	A STATE OF THE STA	
4.35	FD bead.	Ensure moves to centre			n Thomas S	Leister 1	
		PLUS OR MINUS 1/16 in.				antin .	
4.36	PCU.	Dispussion Plants	1	1	The devices	(Lag.	
	(a) Supplies M1.(b) Mode M1.	Ensure shows Black. Ensure shows Auto.			Latino Press		
	(c) Attitude	Ensure cannot be cancelled				449	
	switch.	by depressing.		1	Jan Telling		
4.37	FD/AP switch.	Set to 'OFF'.			wh in		
4.38	FD bead.	Ensure at top right.		1 id	100	0.00	
4.39	PCU.	THE PARTY OF THE P		16	S. Hort but		
	(a) Glide	Ensure cannot be selected		15	The street	4.00	
	switch. (b) Climb	by depressing. Select and ensure attitude	9		2.11(d 16 C Rd)		
	switch.	switch cancels.			alog d france		
	(c) Height	Select and ensure climb					
	switch.	switch cancels.					
DM E	2010/ 70A		C	ontin	ied	C-Votes	

CHAP	2	NAV INST	SERVICING PROCEDURES		AP	101B-1000-5A3 E Section 1		TARE
SP NO	108	CONTINUED	LIGHTNING			(1st Edition)		AL V
SHEET	7	EDM	N 1	AC 1	STATE OF THE PERSON	DATE .		
		ervicing Notes are	e to be complied with throughout		-	RVICING RECORD	mi v	
tile wo	LK Get	arred on this care	L •	(1)	(2)	(3)	(4)	(5
		NAV II	NSTRUMENTS	TO STATE	i in			
4.	Int	erlock Checks	(Contd)			il and lands		
4.40	FD/	AP switch.	Set to 'AP'.			merper 41/41		
4.41	PCU					2770	n P	
	(a)	Heading switch.	Select, then cancel.			agilio (a awitoba		
	(b)	Climb)	.garementob s			ghadidh (d		
	(c)	switch.) Glide) switch.)	Ensure cannot be selected by depressing.			obalik (o		
	(d)	Attitude switch.		þ		gertiser 13.		
	(e)	Track switch.	Select and ensure height switch cancels.			IM BUDGE (A		
	(f)	Climb)	switch cancers.			methan 1		
	(g)	switch.				Howards		
	(0)	switch.) Height)	Ensure cannot be selected by depressing.					
	(j)	switch.) Heading) switch.)		P. Y	720	ont foliation (
	(k)	Glide	Select.			e. The		
	(1)	switch. Track switch.	Ensure remains selected.		101			
	(m)	Climb)				Styrenshold (2)		
	(n)	switch.) Attitude) switch.)	Ensure cannot be selected by depressing.			. 170 kg 1848		r J
	(p)	Height) switch.			- 40	DAN MERCHAN		T-1
	(q)	Heading) switch.				100 000 20 000		4.00
4.42	FD/	AP switch.	Set to 'OFF'.			compand (ta
4.43	PCU (a)	Glide	Ensure cancels.		Y			
	(b)	switch. Track switch.	Ensure remains selected.					
	(c)	Heading switch.	Select and ensure height switch is automatically selected.					
	(d)	Track switch,	selected. Ensure cancels.					
RM 52				Con	tinue	od.	hyno-	

CHAP	2	NAV INST	Si	ERVICING PROCEDURES		AP	101B-1000-5A3 E	C	
SP NO	108	CONTINUED		LIGHTNING		(Section (1st Edition)		
SHEET	9				AC N	10	DATE .		
Safety the wor	and S	ervicing Notes are ailed on this card.	to be comp	lied with throughout			RVICING RECORD		
				· · · · · · · · · · · · · · · · · · ·	(1)	(2)	(3)	(4)	(5
			STRUMENTS						
4.		erlock Checks							
4•54	ind and		s between	le if M2 n Sub-items 4.50 vement is noted					
	PCU	•	alternate OFF' when BAC trimindicate position	FD/AP switch tely to 'AP' and nilst adjusting mpot RV3 until M2 ion and aileron to do not change on switch to 'AP'.					
4•55	PCU (a)	Master switch.	Set to	ON.	,				
		Stab switch. Attitude	Set to Select.	'STAB'.					
	(d) (e)	switch. Supplies M1. Mode M1.		shows Black. shows 'OFF'.					
4.56	FD/	AP switch.	Set to	AP'.					
4.57	PCU	Mode M1.	Ensure s	shows Auto.					
4.58	, G ,	Test switch.	Set to	'3G' and release.					
4•59	PCU (a) (b)	Supplies M1.) Mode M1.)	Ensure s	shows Off.					
		Master) switch.) Stab switch.)	Set to	*OFF*.					
4.60		AP switch.	Set to	OFF'.					
4.61	PCU	Master	Set to						
	(c)	switch. Stab switch. Supplies M1. Mode M1.		'STAB'. shows Black. shows Off.					
4.62	FD/	AP switch.	Set to	AP.					
4.63	PCU	Mode M1.	Ensure s	shows Auto.					
4.03			Sot to	'OG' and release.					

				12.1-	
	tainer of box				

	2	NAV INST	SERVICING PROCEDURES		AP1	01B-1000-5A3 : Section	E 1	
SP NO	108	CONTINUED	LICHTNING ***		(1st Edition)	tori	ring s
SHEET	10	WELL VALLEY ON		AC 1	THE RESERVE	• • DATE •	and the last of th	
		ervicing Notes are ailed on this card	to be complied with throughout			VICING RECORD		-
				(1)	(2)	(3)	(4)	(5
		NAV IN	STRUMENTS	iriex	li va			
4.	Int	erlock Checks	(Contd)	1	ploed.			
4.65	PCU							
		Supplies M1.) Mode M1.	Ensure shows Off.					
	(c)	Master)						
		switch.) Stab switch.)	Set to 'OFF'.		8 4			E.
4.66	FD/	AP switch.	Set to 'OFF'.					
NB	app	-items 4.67 to licable only t 0213/STC and	4.72 inclusive are o Aircraft Post Command 0214/STC.	10.00				
4.67	1 1	Mode keys. Master switch.	De-select all modes. Set to 'ON'.					
	(c)	Stab switch.	Set to 'STAB'.					
4.68	FD/	AP switch.	Set to 'AP'.					
4.69	PCU				POM			A pi
		Supplies M1. Mode M1.	Ensure shows Off.					
4.70	FD	bead.	Ensure at top right.					
4.71	PCU (a)	Master)			do-e			
	(b)	switch.) Stab) switch.)	Set to 'OFF'.					0 -0
4.72	FD/	AP switch.	Set to 'OFF'.		.tstq.			
5.	Dit	her setting.	Carry out SP107(NI).					
NB			ot/Static test set ASI be maintained at 320 knots.		doub			
6.	Fun	ctional Checks	(Part A)		10 00			0
6.1	Company	t set Type 8A.						
		M1 measure	Set to 'RATE GYRO'.	Charles of the Control of the Contro				2 - 6
	(b)	switch. Rate gyro switch.	Set to 'PITCH'.					
			Liethen, of yacob moud to					
	0.07	72 4 Ballette		Cor	ntinued		<u></u>	L

CHAP	2 NAV INST	SERVICING PROCEDURES			1B-1000-5A3 Section	1	
+	108 CONTINUED	LIGHTNING			st Edition)		
THE OWNER OF THE OWNER OW	11 7040 0		AC NO		ICING RECOF	CONTRACTOR OF STREET	•
	and Servicing Notes are	e to be complied with throughout	(1) (2)	(3)	(4)	(5)
mo wor	William Color Colo		(1)	2)	(3)	(4)	12.
		NSTRUMENTS		W.			
6.	Functional Check	s (Part A) (Contd)		100			
6.2	PCU. (a) Master switch.	Set to 'ON'.		e15 lu			
	(b) Stab switch.	Set to 'STAB'.				(d)	
6.3	Test set Type 8A (a) Meter M1.	Check after 1 minute indicates less than 200 mA (500 mA scale).		do 10		(x) Von	
	(b) Rate gyro switch.	Set to 'YAW'.	160	n, belo			
	(c) Meter M1.	Check after 1 minute indicates less than 200 mA (500 mA scale).					
	(d) Rate gyro switch. (e) Meter M1.	Check after 1 minute indicates less than 200 mA (500 mA scale).					
6.4	Control surfaces (a) Ailerons.) (b) Rudder.)			1111		Don (a)	
	(c) Tailplane.	Ensure at rigging position.			a that pass		
6.5	PCU Stab switch	. Set to 'OFF'.			and the state	7.1	1
6.6	Test set Type 8 (a) M2 measure switch.	A. Set to 'RG ROLL'.			Auto filmen Palati Adarkima	(d	
	(b) Deflection increase rate gyro	Adjust until meter M2 indicates 6.5V. (15V scale).		-BIL	ladkim Ad orenia dal		
	switch.	. Set to 'STAB'.			The Late Con-		
6.7	PCU Stab switch	1 1		Jermil.	L Kennet II	U.K.	
6.8	Test set Type & precess rate gyro switch.	BA Depress and hold.		28 6	ayl' Jos off		
6.9	Ailerons.	Check Port and Starboard trailing edges move up and down respectively approximately 0.5 degrees and then decay to neutral			permunica per estadi perioditani	(4)	
RM	52010/72 A		Co	ntinu	.ed.	71010	

CHAP	2	NAV INST	SERVICING PROCEDURES	T	Al	P101B-1000-5A3	E	
SP NO	108	CONTINUED	LIGHTNING			Section (1st Edition)		
SHEET	12	AL 9		AC]	NO .	· · · DATE ·	-	_
Safety	r and S	Servicing Notes are	e to be complied with throughout			ERVICING RECORD		
the wo	ork det	gailed on this care	1.	(1)	(2)	(3)	(4)	(5)
		NAV I	NSTRUMENTS					
6.	Fun	ctional Checks	S (Part A) (Contd)			entra de la companya		
6.10	Pre	cess rate o switch.	Release.					
6.11	Ail	erons.	Check Port and Starboard					
			trailing edges move down and up respectively approximately 0.5 degrees and then decay to neutral.					
6.12	Nav uni kno	display t heading b.	Depress and turn to set selected heading pointer to 'FIXED LUBBER'.					
6.13		track tch.	Select.	t				
6.14	FD/	AP switch.	Set to 'AP'.					
6.15	PCU	mode M1.	Ensure shows Auto.					
6.16	FD 1	pead.	Ensure at centre PLUS OR MINUS 1/16 in.					
6.17	Туре	s set e 8A precess e gyro switch.	Depress and hold.					
6.18	Aile	erons.	Check Port and Starboard trailing edges move respectively up and down approximatley 1.5 degrees and then partially decay towards neutral.					
6.19		ess rate switch.	Release.					
5.20	Aile	erons.	Check both trailing edges return to neutral.					
5.21	FD/A	P switch.	Set to 'OFF'.					
5.22	swit		(i) Select. (ii) Wait 20 seconds.					
	FD/A	P switch.	Set to 'AP'.					
5.24		8A precess gyro	Depress and hold.					
	i							
SMS/7	9/47	5/2		Cont	inued	overleaf		

CHAP	2	NAV INST	SERVICING PROCEDURES		AF	101B-1000-5A3	E	9415
SP NO	108	CONTINUED	LIGHTNING			Section (1st Edition)	1	
SHEET	14	week and a constant	W DA	AC]	NO .	DATE .		W/1/14
			re to be complied with throughout		SE	RVICING RECORD		(1) turi
the wor	rk det	ailed on this car	rd.	(1)	(2)	(3)	(4)	(5)
		NAV I	NSTRUMENTS		194			
6.	Fun	ctional Chec	ks (Part A) (Contd)	h.	Tion 1	O Lawy Lawrence		
6.36	PCU	J track	(i) Select.			decimal 7.4 kg		
	swi	tch.	(ii) Wait 10 seconds.			dava M		P-4
6.37	FD/	AP switch.	Set to 'AP'.			4.1(5.0°4).		
6.38	Typ pre	t set be 8A cess rate to switch.	Depress and hold.			orl des the Most of the Ca Most of Ca Inspect Cal Ca		2.0
6.39			s not applicable to aircraft ype D or E FCC.	A	191	idualied (c		
	Tai	lplane.	Check leading edge moves up approximately 1.5 degrees and then partially decays to datum.			eyg a kyr Arov isob states OO Arothekis	7	8.4
6.40			s applicable only to with a Type D or E FCC.			- Ann ind All-ory		2.3
	Tai	lplane.	Check leading edge moves up approximately 0.75 degrees and then partially decays to datum.			atay kan en alamakan eny		ė.
6.41		cess rate o switch.	Release.					
6.42	Tai	lplane.	Check leading edge returns to datum.			nalizari i manda men Liferan kanga arah s		No. 10
6.43	FD/	'AP switch.	Set to 'OFF'.			dwidth		
6.44		Jattitude .tch.	(i) Select. (ii) Wait 10 seconds.					
6.45	FD/	'AP switch.	Set to 'AP'.			showed 190		4.5
6.46	Tyr	st set be 8A	Depress and hold.			alicalis Of Although the	The second	le sin
		cess rate of switch.			1	ing Comment of the	g 0	
6.47	Tai	lplane.	Check leading edge moves up approximately 0.75 degrees and then decays to datum in approximately 1.5 seconds.			CHYN HAW A LEGAL IN PROPER		
6.48		ecess rate ro switch.	Release.	19		bina mancasa Costina arri		10.4
DW E	2010	74		Cor	ntinu	ed		

CHAP SP NO	2 108	NAV INST	SERVICING PROCEDURES LIGHTNING			Se	000-5A3 E		
		CONTINUED	BIGHTHING				dition)		
OF STREET	15	Commission of Notes on	a to be complied with throughout	AC I	-	-	DATE .		•
		tailed on this car	e to be complied with throughout	(1)	(2)	IVIOIN	(3)	(4)	(5)
		NAV I	NSTRUMENTS		te v				
6.	Fur	nctional Check	s (Part A) (Contd)		esi	1.40			
6.49 6.50	PCU	'AP switch.) J stab) .tch.)	Set to 'OFF'.			de lotie			
6.51		st set Type 8A Rate gyro	Set to 'YAW'.					- 5	
		switch.) M2 measure	Set to 'RG YAW'.			udans Idio du			
	(c)	switch. Deflection increase rate gyro switch.	Adjust until meter M2 indicates 3,9V. (15V scale)	ozi mg	a Ty	rdi-ro na te			
6.52		J stab itch.	Set to 'STAB'.						
6.53	Typ	st set pe 8A ecess rate ro switch.	Depress and hold.	Je Jew L		3 Jac 21 -			
6.54	Rud	lder.	Check trailing edge moves approximately 1.2 degrees to Starboard and then decays to neutral.						10-3
6.55		ecess rate ro switch.	Release.			- 60			
6.56	Ruo	dder.	Check trailing edge moves approximately 1.2 degrees to Port and then decays to neutral.			ere hi			
6.57		U track itch.	(i) Select.(ii) Wait 20 seconds.			10.141			100
6.58	FD	/AP switch.	Set to 'AP'.						
6.59		st set Type precess	Depress and hold.			dod			
	ra	te gyro itch.				2.00			0.0
6.60	Ru	dder.	Check trailing edge moves approximately 1.2 degrees to Starboard and then decays to neutral.			e duale			
6.61		ecess rate ro switch.	Release.						
	00.0	/74 A			ontin	l bod			_

CHAP	2	NAV INST	SERVICING PROCEDURES		AP	101B-1000-5A3 H		
SP NO	108	CONTINUED	LIGHTNING			Section 1		
SHEET	16	ioran .		AC 1	10 .	DATE .		
Safety	and S	Servicing Notes an	re to be complied with throughout		market harden to	RVICING RECORD	ACCUPATION AND DESCRIPTION OF	
		tailed on this car		(1)	(2)	(3)	(4)	(5
		NAV I	NSTRUMENTS	ent.	FV			
6.	Fur		s (Part A) (Contd)			Langing		
6.62	Rud	lder.	Check trailing edge moves approximately 1.2 degrees to Port and then decays to neutral.			. winglator . winderdie . wind		
6.63	FD/	AP switch.	Set to 'OFF'.			eliki zelic		1
6.64		Stab) switch.) Master) switch.)	Set to 'OFF'. Washing to some		- 4	STAVE SAVE THE SECRET STATE THE SECRET		
6.65	FD	bead.	Ensure at top right.					
6.66	PCU					Legano	-	1,5
		Supplies M1. Mode M1.) Ensure show Off.			urriuesii. n l-Arlevon		
NB			tot/Static test set ASI be maintained at 320 knots.					
7.	Fun	ctional Check	(Part B)	hi H		restablish d	e .	
7.1	Thi Pre	s Sub-item is Mod 2597.	applicable only to aircraft			nafiya f as ir (g		
		ght trol puter.	Disconnect connector FC1, connect jumper cable (Fig 1) between FC1 and computer.			endiana inne omproa inne oriiovelia		
7.2	Thi Pos	s Sub-item is t Mod 2597.	applicable only to aircraft			Los Jac	L.	-7
	Tes	t socket	Remove shorting plug.			mentil (a		
7•3	PCU (a)	Master switch.	Set to 'ON'.					
	(b)	Stab switch.	Set to 'STAB'.) en	enchant if		
	(c)	Supplies M1. Mode M1.	Ensure shows Black. Ensure shows Off.			Jaco d		
7.4	FD 7	bead.	Ensure at top right.					
7•5		attitude tch.	Select.			modelimita estrico cinac	0	4.7
RM 52	2010/	75		Con	tinue	d		

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1.55
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CHAP	2	NAV INST	SERVICING PROCEDURES			O1B-1000-5A3 Section	15	
SP NO	108	CONTINUED	LICHTNING		(1st Edition)	1-0	
SHEET	17	Man a second	73.	AC 1	Name and Address of the Owner, where	DATE .	THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.	
		Servicing Notes are tailed on this card	e to be complied with throughout			VICING RECORD		(-)
the wor	in de			(1)	(2)	(3)	(4)	(5)
			STRUMENTS	L'SU	THE			
7.	Fu	nctional Check	(Part B) (Contd)		nadi			1.3
7.6		mulator					3	
	1	ntrols.) F. relay.	Depress.					
) Bank.	Rotate to 10 degrees RWD.					
7.7	Ro	ller blind.	Ensure indicates 10 degrees RWD.				E	5,18
7.8	FD	/AP switch.	Set to 'AP'.					1570
7.9	PC	U mode M1.	Ensure shows Auto.					
7.10		bead.	Ensure at centre PLUS OR MINUS 1/16 in.					
7.11	Co	ntrol	Table des de series	1				
1	130 (150)	rfaces.			Total Control			1
	(a	Ailerons.	(i) Ensure at neutral PLUS OR MINUS 0.4					
			degrees. (ii) Record position as datum.	their be	el ou er ei			Hite-
	(b (c) Rudder. c) Tailplane.	Ensure at neutral. Ensure at rigging position.	TO.		Language was		1.5
7.12		mulator ank control.	Rotate to 20 degrees RWD.			IPhoto Licenstra		
7.13	Ro	oller blind.	Ensure indicates 20 degrees RWD.			- sendurqua		
7.14	Co	ontrol		1	1	On Physical 1920		1-1
		arfaces. a) Ailerons.	Check Port and Starboard trailing edges move respectively up and down smoothly 2 plus 0.4 minus	5		e baller vine dend e baller vine dend e baller vine dende e baller vi		l in
		o) Rudder. c) Tailplane.	0.6 degrees. Ensure at neutral. Ensure at rigging position.		14700	inditions distribute one to be stilled to the		1
7.15	F)	D bead.	Ensure has moved 0.1 PLUS OR MINUS 0.05 in. to left of centre.			Waholi (
7.16		imulator ank control.	Rotate slowly to 10 degrees RWD.			1.100	100	
			_					
R,	520	10/75A		C	ontinu	ed		

7.17 Co (a (b) (c) 7.18 FD 7.20 FD 7.21 Coi	Servicing Notes are totalled on this card.	o be complied with throughout	la r	o	•••	Edition) DATE GRECORD		
7.17 Co (a (b) (c) 7.18 FD 7.20 FD 7.21 Coi	rtailed on this card. FL: unctional Check (T SYST	la r	SE		THE RESERVE TO SERVE THE PERSON NAMED IN COLUMN		•
7.17 Co (a (b) (c) 7.18 FD 7.20 FD 7.21 Coi	rtailed on this card. FL: unctional Check (T SYST	(1)		TATCTIA	G RECORD		
7.17 Co (a (b (c 7.18 FD 7.19 Sin bar 7.20 FD 7.21 Con	unctional Check ((1)	(2)		(3)		/EN
7.17 Co (a (b) (c) 7.18 FD 7.19 Sin bar 7.20 FD 7.21 Con				(2)		(3)	(4)	(5)
7.17 Co (a (b (c 7.18 FD 7.19 Sin bar 7.20 FD 7.21 Con		Part B) (Contd)						
(a (b) (c 7.18 FD 7.19 Sin bas 7.20 FD	milior Suriaces-	Tare by (oursa)						
7.19 Sin bas 7.20 FD 7.21 Con	a) Ailerons. b) Rudder. c) Tailplane.	Check both trailing edges return smoothly to datum PLUS OR MINUS 0.3 deg. Ensure at neutral. Ensure at rigging position.						
7.20 FD	bead.	Ensure return to centre PLUS OR MINUS 1/16 in.		12.1				
7.21 Co	mulator nk control.	Rotate slowly to O degrees.						
	bead.	Ensure has moved 0.1 PLUS OR MINUS 0.05 in.to right of centre.						
)	ntrol surfaces.) Ailerons.	Check Port and Starboard trailing edges move respectively down and up smoothly 2 plus 0.4 minus 0.6 degrees.						
) Rudder.) Tailplane.	Ensure at neutral. Ensure at rigging position.			*1			
8. <u>Fur</u>	nctional Check (1	Part C)						
Pit	ring Sub-item 8.7 tot/Static test 8 maintained at 32	1 to 8.39 inclusive, the set ASI indication is to 20 knots.						
8.1 PCT	U BAC.	Rotate anti-clockwise to first marked position.		1				
8.2 FD	bead.	Ensure returns smoothly to centre PLUS OR MINUS 1/16 in.						
	ntrol surfaces.) Ailerons.	Check both trailing edges return smoothly to datum PLUS OR MINUS 0.3 degs.						
(c)) Rudder.) Tailplane.	Ensure at neutral. Ensure at rigging position.						
8.4 PCT	U BAC.	Return to centre.						
SMS/81/38		Meduli to centre.						

CHAP SP NO	2 108	FLT SYST	SERVICING PROCEDURES LICHTNING			O1B-1000-5A3 Section 1st Edition)	<u>€</u> 1	
	-			100				
SHEET	19	AL 14	a be complied with throughout	AC I	_	VICING RECORD	-	•
		Servicing Notes are t etailed on this card.	o be complied with throughout	(1)	(2)	(3)	(4)	(5)
		FLT	SYST	1	\ <u></u>			- 4, 1
8.	Fı	unctional Check (
8.5	-	D/AP switch.)	(002000)					111
8.6	PC	CU stab) vitch.)	Set to 'OFF'.					
8.7		est set Type 8A. a) M2 measure	Set to 'RG ROLL'.					
	(1	switch. Deflection increase rate gyro switch.	Adjust until meter M2 indicates 6.5V. (15V scale).					
8.8	P	CU stab switch.	Set to 'STAB'.					
8.9	FI	O/AP switch.	Set to 'AP'.					
8.10	FI	bead.	Ensure at centre PLUS OR MINUS 1/16 in.					
8.11	100	est set Type 8A. a) Rate gyre switch.	Set to 'ROLL'.					
	(1	b) Precess rate gyro switch.	Depress and hold.					
8.12	F	D bead.	Ensure does not move.					
8.13	(ontrol surfaces. a) Ailerons. b) Rudder. c) Tailplane.	Check Port and Starboard trailing edges move respectively up and down 1 plus 0.2 minus 0.3 degrees from datum. Ensure at neutral. Ensure at rigging position.	1				
8.14		recess rate yro switch.	Release.					
8.15	5 F	D bead.	Ensure does not move.					
8.16		ontrol surfaces. a) Ailerons.	Check both trailing edge return smoothly to datum PLUS OR MINUS 0.3 degree					
		b) Rudder. c) Tailplane.	Ensure at neutral. Ensure at rigging position.					
8.1	7 F	PCU VSC.	Rotate clockwise to end of travel.					
8.1		D bead.	Ensure moves smoothly up 0.25 PLUS OR MINUS 0.1 i		Contin	aed		

CHAP SP NO	108	FLT SYST	SERVICING PROCEDURES LIGHTNING			01B-1000- Sectio 1st Editi	n 1	
SHEET	20	AL 14		AC T			TE	
			o be complied with throughout	AU I	_	VICING RE		•
		ailed on this card.	be compiled with unroughout	(1)	(2)	(3)	(4)	(5)
		FLT	SYST	1.7		(5)		(3)
8.		ctional Check (Part C) (Contd)					
8.19	(a)	trol surfaces. Ailerons.) Rudder.)	Ensure at neutral.					
	(c)	Tailplane.	Check leading edge moves smoothly down 1 PLUS OR MINUS 0.2 degrees.					
8.20	PCU	VSC.	Return to centre detent.					
8.21	FD	bead.	Ensure returns to centre PLUS OR MINUS 1/16 in.					
8.22	(a)	trol surfaces. Ailerons.) Rudder.)	Ensure at neutral.					
	(c)	Tailplane.	Ensure at rigging position.					
8.23	ele	ulator vation trol.	Rotate slowly to 5 degrees NU.					
8.24	FD 1	bead.	Ensure moves down 0.2 PLUS OR MINUS 0.05 in.					
8.25	(a)	trol surfaces. Ailerons.) Rudder.)	Ensure at neutral.					
	(c)	Tailplane.	Ensure leading edge moves up 1 PLUS OR MINUS 0.2 degrees.					
8.26	FD/	AP switch.	Set to 'OFF'.					
ŃВ		eriod of 10 seconying out Sub-i	onds is to elapse before tem 8.29.			1 - 1 - 1 - 1		
8.27	FD	bead.	Ensure moves to top right	₦.			5.	
8.28	(a)	trol surfaces. Ailerons.) Rudder.)	Ensure at neutral.			1		
	(c)	Tailplane.	Ensure at rigging position.					
8.29	FD/	AP switch.	Set to 'FD'.					
8.30	FD	bead.	Ensure at centre PLUS OR MINUS 1/16 in.					
8.31		ulator vation trol.	Rotate slowly to 0 degrees.					

CHAP	2	FLT SYST	SI	ERVICING PROCEDURES	-	AP1	01B-1000-5A3 Section	3E	
SP NO	108	CONTINUED		LICHTNING		(1st Edition)	
SHEET	21	AL 14			AC N	10	DATE		
		Servicing Notes are to	be comp	lied with throughout		SER	VICING RECO	RD	
the wo	rk det	ailed on this card.			(1)	(2)	(3)	(4)	(5)
		FLT	SYST		10.10				
8.		ctional Check (P	art C)	(Contd)	47.,				
8.32	FD	bead.		e moves up 0.2 PLUS NUS 0.03 in.					
8.33	(a) (b)	trol surfaces. Aileron.) Rudder.)		e at neutral.					
	(c)	Tailplane.	Ensure positi	e at rigging ion.					. 1
8.34	FD/	AP switch.	Set to	OFF'.				A G	
8.35	FD	bead.	Ensure	e moves to top right					
8.36	(a)	Stab switch.) Master switch.)	Set to	O'OFF'.					
	(c) (d)	Supplies M1.) Mode M1.)	Ensure	e indicates 'OFF'.					
8.37	Tes	t socket 'J'.	Refit	•					
8.38	(b) (c)	Master switch. Stab switch.	Set to Ensur						
8.39	Hei	ght switch.	Selec	t.			,		
8.40	Pit tes (a)	cot/Static st set. Pump On/Off switch.		o 'OFF'.			~		
	(b)	Vent to atmos valve.	(i) (ii)	Open. Allow simulated airspeed to reduce to zero.					
			(iii)	Ensure zero altitude indicated					
	, .		(iv)	Close.					
		Pitot valve.) Static valve.	Close	•					
	(e)	Balance valve.	(i) (ii)	Open. Ensure simulated airspeed and altitude indicate zero.					
		384/4A			C				

CHAP SP NO	2 108	FLT SYST	SERVICING PROCEDURES LIGHTNING			101B-1000-5A3E Section 1		
	22	AL 14				(1st Edition)		-
SHEET			<u> </u>	AC 1	THE REAL PROPERTY.	DATE .	• • •	•
		ervicing Notes are t ailed on this card.	o be complied with throughout	(1)	(2)	(3)	(4)	(5
8.	Fun		SYST Part C) (Contd)		(2)	(3)	(4)	(5
8.40	Pit	ot/Static t set. (Contd						
		Pump On/Off switch.						
		Static valve.	 (i) Open carefully to simulate altitude of 1500 ft. (ii) Operate in conjunction with vent to atmos valve to reduce simulated altitude to 1000 ft. 					
8.41	FD/	AP switch.	Set to 'AP'.	1				
8.42	(a)	trol surfaces. Ailerons.) Rudder.)	Ensure at neutral.					
	(c)	Tailplane.	Note position.			# 11 11		
8.43	Vent valv	t to atmos	Open carefully to reduce simulated altitude to 750 ft.					0.00
8.44	FD h	pead.	Ensure moves up 0.75 PLUS OR MINUS 0.03 in.			191		
8.45	(a)	rol surfaces. Ailerons.) Rudder.)	Ensure at neutral.			, 19 0 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1		
	(c)	Tailplane.	Check leading edge moves down 0.75 degrees in approximately 5 seconds. Note: Adjust trim potentiometer on front face of FCC if rate of movement is unsatisfactory (Types C, D and E only).					
8.46	FD/A	P switch.	Set to 'OFF'.					
8.47	Venval	t to atmos ve.	Open carefully to reduce simulated altitude to zero.					
8.48	FD 1	bead.	Ensure moves to top righ	t.				

CHAP	2 FLT SYST	SERVICING PROCEDURES			Section (st Edition)	E 1	
	O8 CONTINUED				THE REST OF STREET	The second	Neglin (VI
	23 AL 14		AC N	_	DATE .		
Safety a	and Servicing Notes are detailed on this card	to be complied with throughout	(1)	(2)	(3)	(4)	(5)
	I	TIT SYST					
8.	Functional Check	(Part C) (Contd)					
8.49	<pre>Control surfaces (a) Ailerons.) (b) Rudder.)</pre>	Ensure at neutral.					
	(c) Tailplane.	Ensure at rigging position.					
NB	A period of 10 s carrying out Sub	econds is to elapse before —item 8.50.					
8.50	FD/AP switch.	Set to 'AP'.					
8.51	Pump On/Off switch.	Set to 'OFF'.					
8.52	FD bead.	Ensure at centre PLUS OR MINUS 1/16 in.					
8.53	Simulator bank control.	Rotate slowly to 50 degrees LWD.					
8.54	Attitude indicator. (a) FD bead. (b) Roller blind.	Ensure moves up 0.125 PLUS OR MINUS 0.05 in. and right 0.47 PLUS OR MINUS 0.1 in. Ensure indicates 50 degrees LWD.					
8.55	Control surface (a) Ailerons.	trailing edges move respectively down and up 2.4 plus 0.4 minus 0.6 degrees.					
	(b) Rudder. (c) Tailplane.	Ensure neutral. Check leading edge moves down 1 PLUS OR MINUS 0.2 degrees.					
8.56	Simulator bank control.	Rotate slowly to O degrees.					
8.57	Attitude indica (a) FD bead.	Ensure returns to centre PLUS OR MINUS 1/16 in.					
	(b) Roller blind.	Ensure indicates straigh and level.	ŭ				
					i i am		
SMS	181/384/SA	The state of the s		Contin	ued		

CHAP SP NO	2 108	FLT SYST	SERVICING PROCEDURES LIGHTNING			01B-1000-5A3 F Section 1st Edition)		
SHEET	24	AL 14		AC N		DATE .		
			to be complied with throughout	104	_	VICING RECORD	-	ŤĮ.
		tailed on this card.	Profesional Left 25 Zamer	(1)	(2)	(3)	(4)	(5)
, in .		FI	T SYST	T Man				
8.	Fur	nctional Check ((Part C) (Contd)					
8.58	(a) (b)	ntrol surfaces. Ailerons. Rudder. Tailplane.	Check both trailing edges return to neutral. Ensure at neutral. Check leading edge returns to rigging position.					
8.59	8A rat	st set Type precess se gyro	Depress and hold.					
8.60	FD	bead.	Ensure remains at centre PLUS OR MINUS 1/16 in.					
8.61	(a)	ntrol surfaces. Ailerons.	Check Port and Starboard trailing edges move respectively up and down 1 PLUS OR MINUS 0.2 degrees. Ensure at neutral.					
	(c)	Tailplane.	Ensure at rigging position.					
8.62	gy	ecess rate ro switch.	Release.					
8.63	(a)	ntrol surfaces.) Ailerons.) Rudder.) Tailplane.	Check both trailing edges return to neutral. Ensure at neutral. Ensure at rigging position.					
8.64 8.65	PC	/AP switch.) U stab) itch.)	Set to 'OFF'.					
8.66		st set Type 8A.) M2 measure switch.	Set to 'RG PITCH'.					
	(ъ) Deflection increase rate gyro switch.	Adjust until meter M2 indicates 4.875V.					
8.67	PC	U stab switch.	Set to 'STAB'.					
8.68	FD	/AP switch.	Set to 'AP'.					
	16	1384/6	y tagang tanggan ding indisa	<u> </u>	ntinu	<u></u>		

CHAP	2	FLT SYST	SERVICING PROCEDURES		AP10	1B-1000-5A	3E	- No
SP NO	108	CONTINUED	LICHTNING		(1	Section st Edition)	
SHEET	25	AL 14		AC 1	10	DATE		
			to be complied with throughout		SERV	CING RECO	RD	
the wor	k deta	ailed on this card.		(1)	(2)	(3)	(4)	(5)
		F.T.T.	SYST	l				1
8.	Fund	ctional Check	(Part C) (Contd)	1	\vdash \vdash		44	
8.69	Tes	t set Type 8A.						
	(a)		Set to 'PITCH'.					
	(b)	switch. Precess rate	Depress and hold.		1 1			
		gyro switch.						İ
Note;	Sub-	-item 8.70 is r	not applicable to aircraft					
	fit	ted with Type I	or E, FCC.				-	
8.70	FD 1	oead.	Ensure moves down 0.75					
			PLUS OR MINUS 0.05 in.					
Note:			applicable only to					
	air	craft fitted wi	th Type D or E, FCC.					
8.71	FD 1	pead.	Ensure no movement.		1 1			
Note:	Sub-	-item 8.72(d) i	s not applicable to		1			
			th a Type D or E, FCC.					
8.72	Cont	trol surfaces.						
	(a)	Ailerons.)	Ensure at neutral.					
		Rudder.)			1 1			
	(c)	Tailplane.	Check leading edge moves up 0.75 PLUS OR MINUS					
			0.15 degrees.					
	(d)	Tailplane.	Check decays to datum.					
8.73		cess rate switch.	Release.		~		ł	
8.74			Ensure returns to centre					
0.74	ED (beau.	PLUS OR MINUS 1/16 in.		1 1			
0 55	~		i wi i i i i i i i i i i i i i i i i i	1				111
8.75		trol surfaces. Ailerons.)						
	3.000	Rudder.)	Ensure at neutral.		1 1			
	(c)	Tailplane.	Check returns to rigging					
			position.		1 1			
8.76	Sim	ulator	Rotate to 5 degrees NU.					
		vation						
	con	trol.						
8.77	Rol	ler blind.	Ensure indicates 5					
			degrees NU.					
								,
1						1.14		

CHAP	2	FLT SYST	SERVICING PROCEDURES	7	AP	101B-1000			
SP NO	108	CONTINUED	LIGHTNING	-		Secti 1st Edit			-
SHEET	26	AL 14		AC N	10 . :	D	ATE .		
Safety	and S	ervicing Notes are	to be complied with throughout		-	RVICING I			
the wo	rk det	ailed on this card.		(1)	(2)	(3)	(4)	(5)
		· F	LT SYST						
8.	Fun	ctional Check	(Part C) (Contd)						
8.78	-225	trol surfaces.						4	
	(a)	Ailerons.) Rudder.)	Ensure at neutral.						
	(c)	Tailplane.	Check leading edge moves up and then decays to rigging position.						
8.79	FD/	AP switch.	Set to 'OFF'.						
8.80	(a)	trol surfaces. Ailerons.) Rudder.)	Ensure at neutral.						
	(c)	Tailplane.	Ensure at rigging position.						
8.81	tes	ot/Static t set. Vent to)							
	(b)	atmos valve.) Balance) valve.)	Close.						
		Pump On/Off switch.							
	, , , ,		Open simulate airspeed of 705 knots.			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
8.82	FD/	AP switch.	Set to 'AP'.						
8.83	ele	ulator vation trol.	Rotate to O degrees.						
8.84	(a)	trol surfaces. Ailerons.) Rudder.)	Ensure at neutral.						
	(c)	Tailplane.	Ensure no movement.						
8.85	A 8	t set Type precess	Depress and hold.			111			
0.00		e gyro switch.							
8.86	FD	bead.	Ensure bead does not move.						

Continued

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CHAP	2	FLT SYST	SERVICING PROCEDURES		AP10	1B-1000-5A3 Section	E	-
SP NO	108	CONTINUED	LIGHTNING		(-	st Edition)		4.7
SHEET	27	AL 14		AC N	ю	DATE		
			o be complied with throughout			VICING RECOR		
the wo	rk det	ailed on this card.		(1)	(2)	(3)	(4)	(5)
		FLT S	SYST					
8.	Fun	ctional Check (Part C) (Contd)	" 16				
8.87		trol surfaces.			1			
	100	Ailerons.) Rudder.)	Ensure at neutral.					
	(c)	Tailplane.	Check leading edge moves up 0.6 PLUS OR MINUS 0.15 degrees.					
8.88		ecess rate ro switch.	Release.					
8.89	FD	bead.	Ensure remains at centre PLUS OR MINUS 1/16 in.					
8.90	(a)	ntrol surfaces. Ailerons.) Rudder.	Ensure at neutral.					
	(c)	Tailplane.	Ensure returns to rigging position.				1-1	
8.91	tes (a) (b)	tot/Static st set.) Pitot valve.) Pump On/Off switch.) Vent to atmos valve.	Close. Set to 'OFF'. Operate to reduce simulated airspeed to zero.					
8.92	FD,	/AP switch.	Set to 'OFF'.			11		
8.93	(a	U.) Stab switch.)) Master) switch.)	Set to 'OFF'.					
9.	Ge	neral		1				
Note		b-item 9.1 is a e Mod 2597.	pplicable only to aircraft					
9.1		ight control mputer.	Remove jumper cable, reconnect FC1 to computer.					
Note		b-item 9.2 is a st Mod 2597.	pplicable only to aircraft					
9.2		st socket	Refit shorting plug.					
CMC	10.	/384/7A	Spirit Salar Branch State Salar	O	ontinu	ed.		- 4

CHAP	2	NAV INST	SERVICING PROCEDURES		AP1	01B-1000-5A3	4	
SP NO	108	CONTINUED	LIGHTNING		(Section 1st Edition)	1	
SHEET	28	AL 2		AC 1	10	DATE .		
			to be complied with throughout		CONTRACTOR STATEMENT SHOWS	VICING RECORI	THE REPORT OF THE PARTY OF THE	DESCRIPTION OF THE PERSON
the wo	rk de	tailed on this card.		(1)	(2)	(3)	(4)	(5
		NAV IN	STRUMENTS					
10.	Fu	nctional Check	(Part D)					at
10.1	PCI	U.					101	in
	(a)) Master switch.	Set to 'ON'.					
	(b) Stab switch.	Set to 'STAB'.					
10.2	FD,	/AP switch.	Set to 'AP'.					
10.3	PCI	U.						
) Supplies M1.) Mode M1.	Ensure shows Black. Ensure shows Auto.		7., 80.1 2			
10.4	FD	bead.	Ensure at centre PLUS OR MINUS 1/16 in.				1 2 2	
10.5	Cor	ntrol surfaces.			in program		1	100
	(a)) Ailerons.)) Rudder.)	Ensure at neutral.				7	- 31
	(c) Tailplane.	Ensure at rigging position.					
10.6		tot/Static						
		Vent to atmos valve.	Close.					
	(b) Pump On/Off switch.	Set to 'ON'.					
	(c) Pitot valve.	Open to simulate airspeed of 380 knots.					
10.7	PC	U VSC.	Rotate fully up.					
10.8		titude			p-lumb			
		dicator.) FD bead.	Ensure moves up and then	and the state of t				
4	(b) AP trim. indicator.	returns towards centre. Ensure shows nose down trim and then returns					
			towards safety zone.					
10.9	Ta	ilplane.	Ensure leading edge moves down progressively. Note: Movement may be discontinuous and may reverse for brief periods.	And the Control of th				
			This is acceptable providing reversal does not exceed 0.25 degrees.					
SMS	175	1125/2		Cor	tinued			

CHAP SP NO	2 108	NAV INST	SERVICING PROCEDURES		AP		000-5A3 Fotion		
	-	CONTINUED	LIGHTNING		. (1st Ed	dition)		
	29		The state of the s	AC :	NO . :		DATE .		
		Servicing Notes are	to be complied with throughout		SEF	RVICING	RECORD		
tile wo.	I'A GE	alled on this card		(1)	(2)	((3)	(4)	(5)
		NAV I	NSTRUMENTS						
10.	Fun	ctional Check	(Part D) (Contd)						
10.10	PCU	VSC.	Return to centre detent position.						
10.11	FD/	AP switch.	Set to OFF'.						
10.12	(a)	trol surfaces. Ailerons.) Rudder.	Ensure at neutral.			4			PM PT
		Tailplane.	Ensure returns to rigging position.			į.			
10.13	PCU	VSC.	Rotate away from detent position.						
10.14	FD/	AP switch.	Set to 'AP'.						
10.15	FD 1	bead.	Ensure at centre PLUS OR MINUS 1/16 in.						
10.16	(a)	trol surfaces. Ailerons.) Rudder.)	Ensure at neutral.						
	(c)	Tailplane.	Ensure at rigging position.						
0.17	PCU	VSC.	Rotate fully in both directions and return to centre detent position.				of an		
0.18	FD 1	oead.	Ensure moves then returns to centre PLUS OR MINUS 1/16 in.				e bon	*	
0.19		rol surfaces. Ailerons.) Rudder.)	Ensure at neutral.						
	(c)	Tailplane.	Ensure remains stationary rigging position.				u įr		
0.20	FD/A	AP switch.	Set to 'OFF'.						
0.21	PCU swit	track	Select.					L	
						1			
		*						7 ,1 1	
				1					
		25/2A							

CHAP SP NO	2	NAV INST	SERVICING PROCEDURES LIGHTNING			101B-1000-5A3 E Section 1		
	-	CONTINUED		-		(1st Edition)		
SHEET	30			AC I	THE REAL PROPERTY.	DATE .		
		ervicing Notes are ailed on this card.	to be complied with throughout	(1)		RVICING RECORD	(4)	(5)
				(1)	(2)	(3)	(4)	(5)
			TRUMENTS		T. A. A. A.			
10.	Fun	ctional Check	(Part D) (Contd)		Hami	2 Julyo Lilony		-11
10.22		ot/Static		K.		.bend ti	1	177
	100	t set. Pitot	Close.					
	(2)	valve.	Olose.		dien	Juma Leggaro		. 11
	(b)	Vent to	(i) Operate to reduce	P				
		atmos valve.	simulated airspeed to zero.					
		varve.	(ii) Close.			Secretary Car		
	(c)	Balance	Open.					
	(a)	valve. Static	Operate in conjunction			statily for I		
	(a)	valve.	with balance valve to			102 060		
			obtain simulated altitude			A PARTIE SALES		
	(0)	Pitot	of 2000 ft. Open carefully to simulate					m 1 f
	(e)	valve.	airspeed of 380 knots.					
10.23	3 PCU	Mode M1.	Ensure shows Off.		To the same	HIOTELLS (*		
		bead.	Ensure at top right.			arteddingi tal		
		trol surfaces.	Parameter of survivor extract	1	- 30	ne Lead halfs, the		
10.25		Ailerons.) Rudder.)	Ensure at neutral.	a o		al dactify denti	100	PT
	(c)	Tailplane.	Ensure at rigging position.					
11.	Fun	ctional Check	(Part E)			- Daring L		
11.1	encent/ment/rite	AP switch.	Set to 'AP'.			terra parabrio.	1 2 1	
11.2		mode M1.	Ensure shows Auto.		10	morestia (a		
11.3		bead.	Ensure at centre PLUS OR MINUS 1/16 in.		780	subgilter (16		
40.0			MILMOD 1/11.0 III. MILE OF THE					
11.4		trol surfaces. Ailerons.) Rudder.)	Ensure at neutral.		×	orters 9XXII		-
	` `	Tailplane.	Ensure at rigging position.			150 strong US	i di	111
11.5		ot/Static st set.	 (i) Establish simulated airspeed of 380 knots. (ii) Establish simulated 		e garasi	ner dividuolo mesidele (is anologii (is		. 1
			altitude of 2100 ft.					
DM 5	2010/	182		Co	ntinue	ed A A A A A	A STEEL	_

CHAP	2	NAV INST	SERVICING PROCEDURES LIGHTNING			101B-1000-5 Section	1 . 1	
	108	CONTINUED	LIGHTNING			(1st Editio		DE Y
SHEET :	31			AC N	DOMESTIC CONTRACTOR	DAT	CONTRACTOR CONTRACTOR	0 0
		ervicing Notes are ailed on this card.	to be complied with throughout	(1)	(2)	RVICING REG	CORD (4)	(5)
		NATZ T	NSTRUMENTS	(1)	1(2)	(3)	(4)	107
11.	Fun	ctional Check			in 14	e inchi	lone 6	100
11.6	FD	bead.	Ensure moves down 0.15 PLUS OR MINUS 0.08 in.			of the FEN.	ledili S	10.01
11.7		trol surfaces. Ailerons.) Rudder.)	Ensure at neutral.	2		dings) Bullan Suland		
	(c)	Tailplane.	Check leading edge moves up 1.5 PLUS OR MINUS 0.3 degrees.) 0		ennos envilar		
11.8	tes	ot/Static t set tic valve.	Operate to reduce simulated altitude to 2000 ft.			nav Lov district Lov Lov	(E)	
11.9	FD	bead.	Ensure returns to centre PLUS OR MINUS 1/16 in.			regularis		
11.10	(a)	trol surfaces. Ailerons.) Rudder.)	Ensure at neutral.			EM asbed		1.0r
	(c)	Tailplane.	Ensure returns to rigging position.		i jou	tree Los		
11.11	tes	ot/Static st set atic valve.	Operate to reduce simulated altitude to 1900 ft.		1	inceres un Liste Litari		
11.12	FD	bead.	Ensure moves up 0.15 PLUS OR MINUS 0.08 in.		oeri	To the same house	lano L	
11.13		ntrol surfaces.) Ailerons.)) Rudder.)	Ensure at neutral.			nto of towns 19 374 Interne	wyd r Utif	i str Sett
	(c)) Tailplane.	Check leading edge moves down 1.5 PLUS OR MINUS 0.3 degrees.		can a	Tricin Tro		
11.14	FD,	/AP switch.	Set to 'OFF'.	1		decoup.		
		U mode M1.	Ensure shows Off.				1.10	
11.16	FD	bead.	Ensure at top right.					
11.17	(a	ntrol surfaces.) Ailerons.)) Rudder.)	Ensure at neutral.			A LABORATOR	Tuesday.	
	(c) Tailplane.	Ensure returns to rigging position.	r				
	2040	/8 2A		Cr	ontinu	ned.	Dine	IN THE

CHAP	2	NAV INST	SERVICING PROCEDURES		AP	101B-1000-5A3 I Section	C	Jak
SP NO	108	CONTINUED	LIGHTNING			(1st Edition)		M. E.
SHEET	32		24 Language Control of	AC I	. OV	DATE .		
Safety	and S	ervicing Notes are ailed on this card,	to be complied with throughout			RVICING RECORD		4) (5)
one we.	IR do	arred on this card		(1)	(2)	(3)	(4)	(5)
		NAV IN	STRUMENTS	The state of				
11.	Fun	ctional Check	(Part E) (Contd)	(100	405)	magedo 53		.01
11.18	B Pit	ot/Static				sheed (I	1.6	JE-F
		t set.						
	(a)	Static) valve.)	Liter the vivole state			Timilation	J- 01	LST
	(b)	Pitot) valve.)	Close.					
	(c)	Pump On/Off	Set to 'OFF'.		ROLL	THE BORRERS PRO		151
	(2)	switch. Vent to	.Cidi assazsi I Rinni i			- And Let		
	(a)	atmos valve.	Open carefully to reduce simulated airspeed to			bond (III (c)		
	()		zero.					
	(e)	Balance valve.	Open carefully to reduce simulated altitude to	0		table at be reflected	En	l or
			zero.			ntheed box		
	(f)	Vent to)						
	(m)	atmos valve.) Balance	Close.			Face on		
	(8)	valve.				er to har bear le		igr
12.	ILS	Checks				Maria de Maria		
12.1		display unit.				45.00		
	(a) (b)	Compass. Heading	Synchronize. Depress and rotate to					
	(2)	knob.	align selected heading		dag J	ME DOME (N		
			pointer with fixed lubber.		lant.	two sect of		
12.2	PCU				144	town 10 Ga		
		Supplies MI.	Ensure shows Black.			- mail		
		Mode MI.	Ensure shows Off.			actropally (de		
12.3		bead.	Ensure at top right.			-24.03.000		
12.4	1000 1000	track tch.	Ensure selected.		-	In contrast and a second		a committee
12.5	FD/	AP switch.	Set to 'AP'.	97				
12.6	PCU	mode MI.	Ensure shows Auto.			EXPORTS IN		
12.7	FD	bead.	Ensure at centre PLUS OR MINUS 1/16 in.	.75	e q	per des dos. La crimina (g	I	in t
12.8		display t heading b.	Depress and rotate clockwise to set selected heading pointer 130 degrees to Starboard.		mol	gales (d' Lextros toe (lei (o) Lextros		
RM 52	20107	88		Co	ntinue	ad 10 9 0 1 (1)		_

CHAP SP NO	108	NAV INST CONTINUED	SERVICING PROCEDURES LIGHTNING				tion 1	3	
SHEET	33	CONTINUED				(1st Ed:			
	-			AC 1	Windless and State of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, wh	DUTATNA	Martin Market Company		O Wilderstreet,
		ervicing Notes are ailed on this card.	to be complied with throughout	(1)	(2)	RVICING	3)	(4)	(5)
		NAT TH	STRUMENTS	(1)	1(2)		37	147	()/
12.	ZI.S	Checks (Cont			T.				
12.9		bead.	Ensure moves to right 3/8 PLUS OR MINUS 3/16 in.			L. LAGE		6	
12.10		ulator k control.	Rotate slowly RWD until FD bead is vertically above centre.	9		ude Side Save Dod			
12.11	(a)	itude indicato Roller blind. FD bead.	r. Ensure indicates 28 PLUS OR MINUS 2 degrees RWD. Ensure has moved 1/4 PLUS OR MINUS 1/8 in. up from centre.	3))	ino ino invi	ord of qu of so w son	usv m² (o yet nrv (g	11	
12.12		display t heading b.	Depress and rotate anti-clockwise to align selected heading point with fixed lubber.			Open!			
12.13	FD	bead.	Ensure moves to left.		DV.	SOUTH SE			
12.14	The second second	ulator k control.	Rotate slowly to O degrees			L BAY	,	11	
12.15	FD	bead.	Ensure returns to centre PLUS OR MINUS 1/16 in.			raide raide			in the
12.16		display unit. Mode switch.	Set to 'ILS'.			tira be			
		Loc warning) flag. GP warning) flag.	Ensure show Off.			e i Lae	ur (a		
	(d)	Heading knob.	Pull out and rotate to align localizer beam bar with fixed lubber.			IV sch ch græde			13 m
		AIF	COMMS			El kaz	AGALW FEAVOR		181
13.	ILS	Checks				THE 6E			8
13.1		t set Type 391 Function control.	Set to 'LOCAL'.			de la			
	(b)	Tuning control.	Set to 'XTAL'.			tob I gra		6	
	(c)	Deflection control.	(i) Adjust to set meter to '0'. (ii) Adjust to set meter indication to						
RM 52	2010/	830	maximum right.	Cor	ntinu	ed.	134617.71	60/57	_

CHAP	2	NAV INST	SERVICING PROCEDURES		AP	101B-1000-5A3 H	S	
SP NO	108	CONTINUED	LICHTNING			Section (1st Edition)	or i	
SHEET	34	OTTAN DV		AC N	10	DATE .		
Safety	and S	Servicing Notes are	to be complied with throughout		COLUMN TO SERVICE DE LA COLUMN	RVICING RECORD		
		tailed on this card.		(1)	(2)	(3)	(4)	(5)
		NAV TN	STRUMENTS	0.31				
14.	ILS	Checks				@tog/D_B3		177
14.1	(a)	display unit. Loc warning flag.	Ensure clears.			fou dua tel aqu nalifealla larina		T
	(b)	bar.	Ensure moves to right.	1367	1 a			
14.2	FD	bead.	Ensure moves to right.			Streets St		-81
14.3		display t heading b.	Depress and rotate anti-clockwise.		tow	ym Lymbli va gyfifinefi (pa gydynai		.81
14.4	FD	bead.	Ensure centralizes when selected heading pointer indicates Port heading demand of 42 to 47 degrees	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT		and seul (d spans folial on, NA (f)		JB †
14.5		display it loc beam	Ensure remains to right.			TW attend UD		.81
		AIR	COMMS		720	aO quad Ca anti-time		
15.	ILS	5 Checks				Town Town		
15.1	Ty]	st set pe 391 flection ntrol.	Adjust to set meter indication to maximum left.			AND THE TEN		i Bir
		NAV IN	STRUMENTS COMMON			nou bar ses		
16.	IL	S Checks						1 10
16.1	un	v display) it loc) am bar.	Ensure move to left.					
16.2		bead.)	being my Database exposite (2)				T	
16.3	un	v display it heading ob.	Depress and rotate clockwise.			n k digitali (i so digi		
16.4	FD	bead.	Ensure centralizes when selected heading pointer indicates Starboard heading demand of 42 to 47 degrees.		mari	en same. The Constant skinden skinden kinden kinden		
16.5		v display it loc beam r.	Ensure remains to left.					

CHAP SP NO	2 108	NAV INST CONTINUED	SERVICING PROCEDURES LIGHTNING			101B-1000-5A3 Section (1st Edition)	1	
SHEET	35	minute.		AC I		DATE		
Safety	and S	Servicing Notes are	to be complied with throughout		SE	RVICING RECOR	D	-2.4
the wo	rk de	tailed on this card.		(1)	(2)	(3)	(4)	(5)
17.	ILS	AIR S Checks	COMMS		14	admid r		
17.1	Typ def	st set pe 391 flection ntrol.	Adjust to set meter to		İnun	enterna v in tours v in tours in the second	u 1	
.0			STRUMENTS			MARKET - FOCUS — 1		
18. 18.1	Nav (a)	S Checks v display unit.) Heading knob. Loc beam bar.	Depress and rotate to align selected heading pointer with fixed lubber. Ensure returned to datum.			Limed Valgain of LTTI)sea di Luco	GE 3	
18.2	FD/	AP switch.	Set to 'OFF'.					
18.3	PCI	U mode MI.	Ensure shows Off.			Section 15		1.1.
18.4	tes	tot/Static st set.			111			
		Pump On/Off switch. Pitot valve.	Operate to simulate airspeed of 175 knots.			grand i		
18.5	Thi	rottles.	Set to mid-position and engage clutch.			POL 95 Hallos I		
18.6	tes	tot/Static st set vent atmos valve.	Operate to reduce simulated airspeed.	rak		p. Active ye		
18.7	Th	rottles.	(i) Check forward movement ceases at 166 PLUS OR MINUS 4 knots. (ii) Note exact airspeed at which movement ceases.			egolom to a control of chand chand control of		
18.8	tes (a	tot/Static st set.) Vent to atmos valve.) Pitot valve.	Close. Operate to increase simulated airspeed.			.do	ar a	
						Yolgaib ion		
		/84A		_	ntinu			

CHAP 2 SP NO 10		SERVICING PROCEDURES LIGHTNING			101B-1000-5A3 E Section 1 (1st Edition)		TAT
SHEET 36			AC N		DATE	PEL	10/2004
THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO		to be complied with throughout	100	CONTRACTOR OF	RVICING RECORD		•
The state of the s	detailed on this card.	The state of the s	(1) (2) (3)		(4) (5		
	NAV IN	STRUMENTS	D-W	TVA.			***************************************
18. <u>I</u>	LS Checks (Cont		(a)	the O	selsed) P		
18.9 T	hrottles.	Check backward movement ceases at a simulated airspeed value 20 PLUS OR MINUS 2 knots above value	100 - 100 - 103		. deed (3.5
		noted in Sub-item 18.7.			.neli/cn		
	itot/Static		123	1			
	est set. a) Pitot valve.	Close.			hardme diameter		
(b) Vent to atmos valve.	Operate to reduce simulated airspeed to 175 knots.			obely (%)	va Ca	
18.11 F	D/AP switch.	Set to 'AP'. web ways a ways			L. Daniel L	4.0	
18.12 P	CU mode MI.	Ensure shows Auto.			-		
18.13 F	D bead.	Ensure at centre PLUS OR MINUS 1/16 in.			. no Liberta		
е	imulator levation ontrol.	Rotate to 10 degrees ND.					o B
18.15 F	D bead.	Ensure moves up and then decays to centre PLUS OR MINUS 1/16 in.		46	mov hom to		
18.16 T	hrottles.	Ensure move backwards.		2.6			
е	imulator levation ontrol.	Rotate to 5 degrees NU.	1		And The Section		1.2
	D/AP switch.	(i) Set to 'OFF'. (ii) Set to 'AP' when AP trim indicator	12		. Low life Low life	ety aty	
		pointer is at centre.		r. v	M cyhedu h	c)	.0
18.19 F	D bead.	Ensure at centre PLUS OR MINUS 1/16 in.			velguit Vi	M.	h.0
18.20 A	AP trim ndicator.	Ensure pointer at contre-	R		And sup Firms.	ed NL	1.0
e	Simulator elevation control.	Rotate slowly to zero degrees.	X				
	10/85			ntinu			

CHAP	2	NAV INST	SERVICING PROCEDURES	all of the second	AP	101B-1000-5A3 E Section 1		Field
	108	CONTINUED	LIGHTNING			(1st Edition)	w.	1991-14
SHEET	37		ta 3	AC 1		DATE .		
		Servicing Notes are tailed on this card	e to be complied with throughout	ai-		RVICING RECORD		70 %
				(1)	(2)	(3)	(4)	(5)
			INSTRUMENTS	100	7. 77	2		
18.	GRUSSINGS:	Checks (Con-	td)	(h)	dop)	- spineritt E.	1	.81
18.22	FD	bead.	Ensure moves up and then returns to centre within 60 to 100 seconds.	4Q 45		.as.Litici	J	2.66
18.23	Thr	rottles.	Ensure move backward slightly and then gradually return to datum.	29 <u>1.</u> 141		otratë\ jet	4.0	· #4
18.24		trim licator.	Ensure pointer moves down and then decays towards centre.			aros Sem secifi (a seviev		
18.25		J glide tch.	Select. of base ourse because		- 1872	or tony (c		
18.26	FD	bead.	Ensure moves down 0.25 PLUS OR MINUS 0.1 in. and then gradually returns to centre.	zópicz dominion o z dominion projekt su aktorian mency aktorian dominion projekt		darimu SANC Mada Mi Mada		
18.27	Thr	cottles.	(i) Ensure move backward slowly. (ii) Disengage clutch.			noteina notesta		1.61
18.28	tes	ot/Static st set vent atmos valve.	Operate to reduce simulated airspeed to zero.			. Lorry .heed (0 14 - 14	Jiri
		AI	R COMMS			, se La Joya	m 2	
19.	ILS	5 Checks				A DID LEVEL OF LAND		
19.1	Tes Tyr def	st set pe 391 flection ntrol.	Adjust to set meter indication to maximum right.			Totalini Totali Los du	o o o	
		NAV I	NSTRUMENTS					
20.1	Nav uni bea	Checks v display) it loc) am bar.) bead.)	Ensure move right.			tonica. Trong	18 4c	
				+	+		100	1000
						TO A RAIVA		
		1051		-				
RM 52	010/	85A		Co	ntinu	ed.		with the same of t

SP NO	2 108	NAV INST	SERVICING PROCEDURES LIGHTNING			101B-1000-5A3 E Section 1 (1st Edition)		
SHEET	38	5000 L	707	AC NO DATE				
-		Servicing Notes are	to be complied with throughout	ACI	Contract of the last	RVICING RECORD	• • •	•
		ailed on this card		(1)	(2)	(3)	(4)	(5)
21. 21.1	Tes Typ def	AIR Checks t set e 391 lection trol.	Adjust to set meter indication to maximum left.	o s	LÆ	Ricord Idea Indiana Indiana Indiana Indiana Indiana Indiana		1.20
		NAV IN	STRUMENTS					
22. 22.1 22.2	Nav uni bea	t loc) m bar.) bead.)	Ensure move left.			muneral 64 Native in And Lad 90 And Lad 9		
	New Color Park Transcolor		COMMS THE PROPERTY OF THE PROP					11/15
23.	ILS	Checks				mod from Pro		
23.1	(a) (b) (c) (d)		Adjust to set meter to '0'. Position as close to GP aerial as possible. Extend. Set to 'GLIDE PATH'.		Vo	Adected		
	(f)	control. Deflection control.	Ensure meter set to			101080		194
			ISTRUMENTS TOTAL CAR OF Jan		178	Livetian in		
24.1	Nav (a)	Checks display unit. Loc warning flag. GP warning flag. GP bar.	Ensure in view. Ensure clears. Ensure aligned with			Duncter destroy		
	FD	bead.	index mark. Ensure at centre PLUS OR MINUS 1/16 in.				11 11	

SMS 17.

CHAP	2	NAV INST	SERVICING PROCEDURES	AP101B-1000-5A3 E Section 1					
SP NO	108	CONTINUED	LIGHTNING	(1st Edition)				00 H	
SHEET	40	TOTAL VICE LAND	A S I	AC I	AND DESCRIPTION OF THE PARTY OF	National Indiana	. DATE .	Printed residents in the control	•
		ervicing Notes ar ailed on this car	e to be complied with throughout			RVIC	ING RECORI		1 / 1
				(1)	(2)	-	(3)	(4)	(5)
		NAV I	NSTRUMENTS	111911	1(A)				
30.	ILS	Checks			troi	1.5			.76
30.1	FD/	AP switch.	Set to 'OFF'.	19				13 3	-11
30.2		J glide .tch.	Ensure cancelled.	iji.				E E	int
30.3		display t GP	Ensure in view.						
	war	ming flag.		D ty	137				63
30.4	FD	bead.	Ensure at top right.		Luron	158			-
30.5	PCU	J mode MI.	Ensure shows Off.			228			445
31.	MRC	Checks		20					
31.1		J height tch.	Select.	(Q 1	0.000	o.			
31.2	FD/	AP switch.	Set to 'AP'.						
31.3	PCI	J mode MI.	Ensure shows Auto.						
31.4	FD	bead.	Ensure at centre PLUS OR MINUS 1/16 in.						I-M
31.5		nulator nk control.	Rotate to 50 degrees LWD.	100000000000000000000000000000000000000					
31.6	Pi	tot/Static		OF THE PERSON NAMED IN		le.			
		st set.) Vent to	Close.						1474
	(ъ	atmos valve.) Pitot valve.	Operate to simulate airspeed of between 320 and 380 knots. Note: 420 to 450 knots if			500			4.[1
			Type D or E FCC fitted.					ala T	1
31.7	FD	bead.	Ensure moves right 0.47 PLUS OR MINUS 0.1 in.	desirent terror					
31.8	un	v display it heading ob.	Depress and rotate anti- clockwise to set selected heading pointer 75 degrees to Port.	3					
31.9		U heading itch.	Select.	0	, est	Alpai		80	
31.1	O FD	bead.	Ensure returns to centre.						
31.1	1 PC	U BAC.	Rotate fully anti- clockwise and ensure locks in third click position.	3					

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U.	
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CHAP	2	NAV INST	SERVICING PROCEDURES		AP	101B-1000-5A3 E Section 1	3	. THE	
	108	CONTINUED	LIGHTNING	(1st Edition)					
CONTRACTOR OF THE PARTY OF	41	tering a series of the		AC 1	THE PARTY NAMED IN	DATE .		•	
		Servicing Notes are	to be complied with throughout			RVICING RECORD	berd d		
one wor	. K. det	alled on this card		(1)	(2)	(3)	(4)	(5)	
		NAV I	NSTRUMENTS						
31.	MRC	Checks (Conto	.)			malamatin (d.)			
31.12	FD	bead.	Ensure moves left 0.12 PLUS OR MINUS 0.05 in.	h		to 7 two 14th C		, OY	
31.13		ulator k control.	Rotate to 62 degrees LWD.			Philips 00 and the	3		
31.14	FD	bead.	Ensure returns to centre.			Seminguich von			
NB			nd 31.16 are to be carried			no IT modules			
		simultaneousl				to not if		135	
31.15		ot/Static							
		t set. Pitot	Close.			The Manager of the			
	, ,	valve.	01086.			Telepis III		. 11	
	(b)	Vent to	Operate to reduce	Ð		Tarly Louis To	0		
		atmos valve.	simulated airspeed to between 200 and 250 knots			Attordust			
			Note: 350 to 380 knots if Type D or E FCC fitted.			defined 4A)d IN about To		- DE	
31.16	FD	bead.	Ensure moves right 0.22			fight 0			
			PLUS OR MINUS 0.1 in. at approximately 270 knots. Note: 400 knots if Type D.			rojalosi		LIE.	
21 17	Gin	nulator	Rotate to 40 degrees LWD.			Concrete author			
21011		ik control.	itotate to 40 degrees hwb.		-	Stand Photos	1	LIE.	
31.18	FD	bead.	Ensure moves to centre.			Tow Inc			
31.19	PCI	J BAC.	Return to centre.		Sant (The British of the			
	Nav	display	Depress and rotate to set selected heading pointer		e'ld	to totali (d			
	kno	t heading	to align with fixed lubber.						
21 21	Sin	nulator	Rotate to 0 degrees.						
J 1 + C 1		ak control.	THE VALUE OF CONTRACTOR AND CONTRACTOR			- physical C		172	
31.22	FD	bead.	Ensure at centre PLUS OR MINUS 1/16 in.			near death and		3-8	
31.23	Pit	ot/Static	hedelet for of emigrod		1	The Contract of the Contract o			
	tes	st set.							
	(a,	Vent to atmos valve.	Close.		1	Saleson Di	10		
	(b)) Pitot	Operate to increase			- April ma	i i		
		valve.	simulated airspeed to 650 knots.			along D	le di	, M	
			-1400 Willis ages			ALMER VE	H. F	1	
RM 52	2010/	87A		Co	ntinu	ed.	Method	a Side	

the work detailed on this ca	INSTRUMENTS ntd) Rotate to 5 degrees NU. Ensure moves down 0.2 PLUS OR MINUS 0.1 in.	AC 1	Part and a second second	Section 1 (1st Edition) 1DATE . RVICING RECORD (3)	(4)	(5)
Safety and Servicing Notes at the work detailed on this cannot be a serviced by the work detailed on this cannot be a serviced by the work detailed on this cannot be a serviced by the work detailed on the serviced by the work detailed on the serviced by the work detailed by the work detailed by the work detailed by the work detailed on this cannot be a serviced by the work detailed on this cannot be a serviced by the work detailed on this cannot be a serviced by the work detailed on this cannot be a serviced by the work detailed on this cannot be a serviced by the work detailed on this cannot be a serviced by the work detailed on this cannot be a serviced by the work detailed on this cannot be a serviced by the work detailed on this cannot be a serviced by the work detailed on this cannot be a serviced by the work detailed on this cannot be a serviced by the work detailed on this cannot be a serviced by the work detailed on this cannot be a serviced by the work detailed on this cannot be a serviced by the work detailed by	INSTRUMENTS ntd) Rotate to 5 degrees NU. Ensure moves down 0.2 PLUS OR MINUS 0.1 in.	11/1	SE	RVICING RECORD	ina k	fa La
NAV 31. MRG Checks (Co 31.24 Simulator elevation control.	INSTRUMENTS ntd) Rotate to 5 degrees NU. Ensure moves down 0.2 PLUS OR MINUS 0.1 in.	(1)	-	(3)	(4)	(5)
31. MRG Checks (Co 31.24 Simulator elevation control.	Rotate to 5 degrees NU. Ensure moves down 0.2 PLUS OR MINUS 0.1 in.	(3)	(2)	<u> 1830 (17.57)</u>	(4)	(5)
31. MRG Checks (Co 31.24 Simulator elevation control.	Rotate to 5 degrees NU. Ensure moves down 0.2 PLUS OR MINUS 0.1 in.		rob)			
31.24 Simulator elevation control.	Rotate to 5 degrees NU. Ensure moves down 0.2 PLUS OR MINUS 0.1 in.		inola)			-III
elevation control.	Ensure moves down 0.2 PLUS OR MINUS 0.1 in.			Liberd 0		1
31.25 FD bead.	PLUS OR MINUS 0.1 in.					
	The server and the se	The second		Na DANI ATA		
31.26 AP trim indicator.	Ensure indicates nose up trim.	W.				
31.27 Simulator elevation	Rotate to O degrees.			docton TAN	T C	ahi
control.	tate to 0 degrees.			no facilità	n a	- 4 Y J
31.28 FD bead.	Ensure returns to centre PLUS OR MINUS 1/16 in.	at :		Award C	v r	71
31.29 AP trim indicator.	Ensure pointer returns to centre.			distribution (II) Albert In	6 B	to the
31.30 PCU VSC.	Rotate fully up.			Textbia.P. S	A R	L. Pi
31.31 FD bead.	Ensure moves up.			20.07(50.48)	1	
31.32 AP trim indicator.	Ensure indicates nose down trim.			ofe of room (A. A.). AM policin UI	и с 1 г	
31.33 PCU NSC.	Return to centre detent position.			Januari II ahasharan III.sa		Ewh
31.34 FD bead.	Ensure returns to centre PLUS OR MINUS 1/16 in.			The second The		
31.35 AP trim indicator.	Ensure pointer returns to centre.			_bend (H. C	L F
31.36 Pitot/Static test set. (a) Pitot valve (b) Vent to atmos valve	• Close• Operate to reduce			okinte/red .cor to .microlod (1 .mrten .akinte (1 .epilar	7 7 3 7	-
31.37 FD/AP switch.	Set to 'OFF'.					
31.38 PCU attitude switch,	Select.			byed 1	71. 5	2-7
31.39 FD/AP switch.	Set to 'FD'.			to a star PE (start)	a g	Par
31.40 Simulator bank control.	Rotate to 10 degrees RWD.	10	arxe F.	v nivoid (
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	2 NAV INST	SERVICING PROCEDURES			01B-1000-5A3 E Section 1	0.0	
	O8 CONTINUED	DIGHTNING			1st Edition)		
HEET 4	Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual	01	AC 1	Accommendative and a second	VICING RECORD		0
	nd Servicing Notes are detailed on this card.	to be complied with throughout	(1)	(2)	(3)	(4)	(5)
	NAV T	NSTRUMENTS PRESENT					
24					natangii Di		
	management of a grand and a supplemental and a supp						
31.41 .	FD bead.	Ensure moves left 0.1 PLUS OR MINUS 0.05 in.					
31.42	PCU BAC.	Rotate clockwise to first marked position.	d			9 6	
31.43	FD bead.	Ensure returns to centre PLUS OR MINUS 1/16 in.			mirri	i, a	
31.44	PCU BAC.	Return to centre.			- ralnoth		
31.45	FD/AP switch.	Set to 'OFF'.			rodelan ovelten		
31.46	Simulator	Rotate to 0 degrees.			Lonin	-	
	bank control.	white of adults rain			Lianu-	4 8	J. E
31.47	FD bead.	Ensure at top right.					
	PCU climb switch.	Select.			natur '	A R	DAB
	AP trim indicator.	Ensure indicates nose down trim.			Andreas	Par to	
31.50	FD/AP switch.	Set to 'AP'.			mirasi		
	PCU mode MI.	Ensure shows Off.			-Action H	de l'	
	FD bead.	Ensure at top right.	den.		, orste ti	H V	Cit
	FD/AP switch.	(i) Set to 'OFF'. (ii) Set to 'FD'.			Lined	e m	la de
31.54	PCU mode MI.	Ensure shows DIR.	MA.				
	FD bead.	Ensure moves vertically above centre.			. roduct	TA I	
31.56	Pitot/Static				principal Charles	1	Earl
31000	test set.			1	Law don't had		
	(a) Balance valve.	Open.			ed daren i		
	(b) Static valve.	Operate to gradually increase simulated altitude.			doctor 2/2	VIE	TE.
31.57	FD bead.	Ensure moves vertically down.			ebutitte dot		B.
31.58	Pitot/Static test set. (a) Static valve (b) Vent to	recta of	8		notive da nistra Lectron I	Vill m C. read	06.

CHAP SP NO	2 NAV INST	SERVICING PROCEDURES LIGHTNING			O1B-1000-5A3 E Section 1 1st Edition)		1,517
	14		100				
		to be complied with throughout	AC I		· · · DATE · ·		0
the worl	k detailed on this car	re to be complied with throughout	(1)	(2)	(3)	(4)	(5)
	ΝΙΔΊΖ Τ	INSTRUMENTS		(2)	(3)	(4)	(5)
31.	MRG Checks (Cor.			Q M			
	· · · · · · · · · · · · · · · · · · ·	A CONTRACTOR OF THE CONTRACTOR		Ship	M. bear brow		BE
31.59	FD bead.	Ensure returns to vertically above centre.			traditions.		#B.E
	Nav display unit heading knob.	Depress and rotate clockwise to set selected heading pointer 170 degrees to Starboard.			dvlav rodi		
31.61	FD bead.	Ensure does not move.					
NB	Sub-items 31.62 carried out simu	and 31.63 are to be					
31.62	Pitot/Static	esineo					
	test set.	- 100 or te	T.	100	otive ways	I 9	
	(a) Vent to atmos valve.	(Clare			dalla Vu		
	(b) Balance valve.	Close.			and the last of th		- 41.51
	(c) Pitot valve.	Operate to increase simulated airspeed.	I		Absort 10	V	. ș c
31.63	FD bead.	Ensure moves right 0.42 PLUS OR MINUS 0.1 in. when airspeed is approximately 275 knots.			wotalnel noltwell		LSE
31.64	Simulator bank control.	Rotate to 45 degrees RWD.			. head di		
31.65	FD bead.	(i) Ensure above centre.			TARA IN	p. 8	- E.C.
5.00		(ii) Note position.			brad C	i R	a fl.E
31.66	Simulator bank control.	Rotate to O degrees.	T.		copy year.	i oi	-94
31.67	Nav display	Depress and rotate anti-				11	.86
	unit heading knob.	clockwise to set selected heading pointer to align with fixed lubber.					-512
31.68	Simulator elevation control.	Rotate to 10 degrees NU.		iev E			
31.69	FD bead.	Ensure moves down slightly and then returns to position noted in Sub-item 31.65.				1 60	SE
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CHAP	2	NAV INST		SERVICING PROCEDURES	AP101B-1000-5A3E Section 1				
SP NO	108	CONTINUED		LIGHTNING	(1st Edition)				07), 4s
SHEET	45	Francis Con			AC NO DATE				
		Servicing Notes are tailed on this card.		mplied with throughout	62		RVICING RECORD		he ital
the wor	k de	tailed on this card.			(1)	(2)	(3)	(4)	(5)
		NAV IN	STRUME	VTS					
32.	Sp	eed and Height	Checks		(in	16-2)			17.5
32.1	te	tot/Static st set tot valve.	(i)	Operate and ensure FD bead moves and then steadies at centre when simulated airspeed is 565 knots. (o.89M). Operate to establish FD bead 1/8 in. above centre.	en en en en en en en en en en en en en e	\$3. Bells	Jugai de Land		-15
32.2	FD	/AP switch.	Set to	OFF'.			oktajB\tot	19 8	per P
32.3	PC	U climb	(i) (ii)	Cancel.		ww l	ed dank (
32.4	FD	/AP switch.		FD'.		-	- more Late (1	Salva.
32.5		bead.	Ensure	e moves up and then y returns to centre.		Low)	yv soste (xD:	d - 1
32.6	el	mulator evation ntrol.		e to 0 degrees.			Abstract		ny Ng
32.7	FD	bead.		e moves up and then ns to centre.			with a line	lo Si	111
32.8	PC	U VSC.	Rotat	e fully down.			COLUMN IN		
32.9	FD	bead.	Ensur	e does not move.		1	bacd		1
32.10) PC	U VSC.	Retur posit	n to centre detent			navis Éur Liga lingas etr		a.H
32.11	FD	bead.	Ensur	e does not move.		-	valgeib v	DE T	1-14
32.12	te	tot/Static est set.) Pitot valve.	Close				andamul fu	M T	
	(b	o) Vent to atmos valve.		te to reduce ated airspeed to			modeline modelines contra	1.00 (C)	
32.13	3 FI	/AP switch.	Set t	o 'OFF'.			band	EN F	1
32.14		U attitude ritch.	Selec	teine ar betre metal.	9				
DW E	2010	/89A			Co	ntinue	eđ.		- M

Safety and Servicing Notes are to be complied with throughout the work detailed on this card. (1) (NAV INSTRUMENTS 32. Speed and Height Checks (Contd) 32.15 FD/AP switch. Set to 'AP'. 32.16 PCU Mode MI. Ensure shows Auto. 32.17 FD bead. Ensure at centre PLUS OR MINUS 1/16 in. 32.18 PCU VSC. Rotate fully up. 32.19 FD bead. Ensure moves up. 32.20 PCU VSC. Rotate fully down. 32.21 FD bead. Ensure moves down. 32.22 PCU VSC. Return to centre.	(1st Edition) O DATE . SERVICING RECORI (2) (3)	(4)
Safety and Servicing Notes are to be complied with throughout the work detailed on this card. (1) (NAV INSTRUMENTS 32. Speed and Height Checks (Contd) 32.15 FD/AP switch. Set to 'AP'. 32.16 PCU Mode MI. Ensure shows Auto. 32.17 FD bead. Ensure at centre PLUS OR MINUS 1/16 in. 32.18 PCU VSC. Rotate fully up. 32.19 FD bead. Ensure moves up. 32.20 PCU VSC. Rotate fully down. 32.21 FD bead. Ensure moves down. 32.22 PCU VSC. Return to centre. 32.23 FD bead. Ensure moves to centre. 32.24 PCU BAC. Rotate fully anti—clockwise.	SERVICING RECORI	(4)
NAV INSTRUMENTS 32. Speed and Height Checks (Contd) 32.15 FD/AP switch. Set to 'AP'. 32.16 PCU Mode MI. Ensure shows Auto. 32.17 FD bead. Ensure at centre PLUS OR MINUS 1/16 in. 32.18 PCU VSC. Rotate fully up. 32.19 FD bead. Ensure moves up. 32.20 PCU VSC. Rotate fully down. 32.21 FD bead. Ensure moves down. 32.22 PCU VSC. Return to centre. 32.23 FD bead. Ensure moves to centre. 32.24 PCU BAC. Rotate fully anti—clockwise.	(2) (3)	(4)
NAV INSTRUMENTS 32. Speed and Height Checks (Contd) 32.15 FD/AP switch. Set to 'AP'. 32.16 PCU Mode MI. Ensure shows Auto. 32.17 FD bead. Ensure at centre PLUS OR MINUS 1/16 in. 32.18 PCU VSC. Rotate fully up. 32.19 FD bead. Ensure moves up. 32.20 PCU VSC. Rotate fully down. 32.21 FD bead. Ensure moves down. 32.22 PCU VSC. Return to centre. 32.23 FD bead. Ensure moves to centre. 32.24 PCU BAC. Rotate fully anti— clockwise.	VAL TOLER AND DESC TOLERANTED	
32.15 FD/AP switch. Set to 'AP'. 32.16 PCU Mode MI. Ensure shows Auto. 32.17 FD bead. Ensure at centre PLUS OR MINUS 1/16 in. 32.18 PCU VSC. Rotate fully up. 32.19 FD bead. Ensure moves up. 32.20 PCU VSC. Rotate fully down. 32.21 FD bead. Ensure moves down. 32.22 PCU VSC. Return to centre. 32.23 FD bead. Ensure moves to centre. 32.24 PCU BAC. Rotate fully anti—clockwise.	proedB/red	18 10
32.16 PCU Mode MI. 32.17 FD bead. Ensure at centre PLUS OR MINUS 1/16 in. 32.18 PCU VSC. Rotate fully up. 32.19 FD bead. Ensure moves up. Rotate fully down. Ensure moves down. Return to centre. 32.22 PCU VSC. Return to centre. 32.23 FD bead. Rotate fully anti-clockwise.		
Ensure at centre PLUS OR MINUS 1/16 in. 32.18 PCU VSC. Rotate fully up. 32.19 FD bead. Ensure moves up. 32.20 PCU VSC. Rotate fully down. 32.21 FD bead. Ensure moves down. 32.22 PCU VSC. Return to centre. 32.23 FD bead. Ensure moves to centre. 32.24 PCU BAC. Rotate fully anti—clockwise.		
MINUS 1/16 in. 32.18 PCU VSC. Rotate fully up. 32.19 FD bead. Ensure moves up. 32.20 PCU VSC. Rotate fully down. 32.21 FD bead. Ensure moves down. 32.22 PCU VSC. Return to centre. 32.23 FD bead. Ensure moves to centre. 32.24 PCU BAC. Rotate fully anti— clockwise.	oloate i	
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32.20 PCU VSC. Rotate fully down. 32.21 FD bead. Ensure moves down. Return to centre. 32.23 FD bead. Ensure moves to centre. Rotate fully anti— clockwise.	av Lyr-aucha	
32.21 FD bead. Ensure moves down. 32.22 PCU VSC. Return to centre. 32.23 FD bead. Ensure moves to centre. 32.24 PCU BAC. Rotate fully anti- clockwise.	durer t	
32.22 PCU VSC. Return to centre. 32.23 FD bead. Ensure moves to centre. 32.24 PCU BAC. Rotate fully anti— clockwise.	to a bit as an abit of	
32.23 FD bead. Ensure moves to centre. 32.24 PCU BAC. Rotate fully anti- clockwise.	PROGRAMM, ATTAC	Contract of the contract of th
32.24 PCU BAC. Rotate fully anti- clockwise.	JUNY OF THE	4 90.5
clockwise.	. Whater was ver-	
32.25 FD bead. Ensure moves to left.	valgalb, va	
	. Co.	
32.26 PCU BAC. Rotate fully clockwise.	Samuel State	PIN
32.27 FD bead. Ensure moves to right.	maxifisant Th	
32.28 PCU BAC. Return to centre.	DOM:	2
32.29 FD bead. Ensure moves to centre.	, Beard (et cau
32.30 FD/AP switch. Set to 'OFF'.		
32.31 PCU height Select.	valued the	94
32.32 FD bead. Ensure at top right.	-60	
32.33 Pitot/Static	a district.	or Lend
test set. (a) Vent to Close.	solvely was	1
(b) Balance Open.	***	
(c) Static Operate to increase simulated altitude to 2000 ft.	beelgedi v	in By
32.34 FD/AP switch. Set to 'AP'.	all all	
32.35 FD bead. Ensure at centre PLUS OR MINUS 1/16 in.	The state of the state of	ar ni
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SP NO 108 CONTINUED LIGHTNING (1st Edition) TAC NO DATE	CHAP	2	NAV INST	SERVICING PROCEDURES	AC NO DATE				
Servicing Notes are to be complied with throughout the work detailed on this sand. NAV INSTRUMENTS 32. Speed and Height Checks (Contd) 32.36 Pitot/Static test set. (a) Static valve. (b) Vent to Operate to reduce atmos valve. Simulated altitude to 1500 ft. 32.37 FD bead. 32.38 FD/AP switch. 32.39 Pitot/Static test set vent to atmos valve. 32.30 Aw display unit heading knob. 32.41 FD/AP switch. 32.42 PCU heading switch. 32.43 FD bead. 32.44 Nav display unit heading hoob. 32.45 FD bead. 32.46 Nav display unit heading knob. 32.47 FD bead. 32.48 Nav display unit heading knob. 32.48 Nav display unit heading knob. 32.49 FD bead. Ensure moves to centre.	SP NO		CONTINUED	LIGHTNING					
NAV INSTRUMENTS 32. Speed and Height Checks (Contd) 32.36 Pitot/Static test set. (a) Static valve. (b) Vent to Operate to reduce atmos valve. Simulated altitude to 1500 ft. 32.37 FD bead. Ensure moves up. 32.38 FD/AP switch. Set to 'OFF'. 32.39 Pitot/Static test set vent to atmos valve. Simulated altitude to to atmos valve. 32.40 Nav display unit heading kmob. 32.41 FD/AP switch. Set to 'AP'. 32.42 FOU heading selected heading pointer with fixed lubber. 32.43 FD bead. Ensure at centre PLUS OR MINUS 1/16 in. 32.44 Nav display unit heading kmob. Ensure moves right. 32.45 FD bead. Ensure moves right. 32.46 Nav display unit heading kmob. 32.47 FD bead. Ensure moves left. 32.48 Nav display unit heading clockwise to set selected heading pointer 20 degrees to 5tarboard. 32.46 Nav display unit heading clockwise to set selected heading pointer 20 degrees to 5tarboard. 32.47 FD bead. Ensure moves left. 32.48 Nav display unit heading clockwise to set selected heading pointer 20 degrees to Port. 32.47 FD bead. Ensure moves left. 32.48 Nav display unit heading align selected heading pointer with fixed lubber. 32.49 FD bead. Ensure moves to centre.	HEET	47		The state of the s					
NAV INSTRUMENTS 32. Speed and Height Checks (Contd) 32.36 Pitot/Static test set. (a) Static valve. (b) Vent to Operate to reduce atmos valve. simulated altitude to 1500 ft. 32.37 FD bead. Ensure moves up. 32.38 FD/AP switch. Set to 'OFF'. 32.39 Pitot/Static Operate to reduce simulated altitude to to atmos valve. zero. 32.40 Nav display unit heading switch. 32.41 FD/AP switch. Set to 'AP'. 32.42 PCU heading select. switch. 32.43 FD bead. Ensure at centre PLUS OR MINUS 1/16 in. 32.44 Nav display unit heading knob. Ensure moves right. 32.45 FD bead. Ensure moves right. 32.46 Nav display unit heading knob. Ensure moves left. 32.47 FD bead. Ensure moves left. 32.48 Nav display unit heading knob. Ensure moves left. 32.49 FD bead. Ensure moves to centre.									
32. Speed and Height Checks (Contd) 32.36 Pitot/Static test set. (a) Static Close. valve. (b) Vent to Operate to reduce simulated altitude to 1500 ft. 32.37 FD bead. Ensure moves up. 32.38 FD/AP switch. Set to 'OFF'. 32.39 Pitot/Static Operate to reduce simulated altitude to to atmos valve. zero. 32.40 Nav display Depress and rotate to align selected heading pointer with fixed lubber. 32.41 FD/AP switch. Set to 'AP'. 32.42 FOU heading Select. 32.43 FD bead. Ensure at centre PLUS OR MINUS 1/16 in. 32.44 Nav display Uppress and rotate colockwise to set selected heading pointer 20 degrees to Starboard. 32.45 FD bead. Ensure moves right. 32.46 Nav display unit heading knob. Elected heading pointer 20 degrees to Fort. 32.47 FD bead. Ensure moves left. 32.48 Nav display unit heading knob. Ensure moves left. 32.49 FD bead. Ensure moves to centre.	tue wor	rk de	tailed on this dard	• 17	(1)	(2)	(3)	(4)	(5)
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1ubber. 32.49 FD bead. Ensure moves to centre.							totium TAN		1
32.49 FD bead. Ensure moves to centre.		kn	op.						
	32.10	ाम 9	bead.		1			1	
JE. JO THI SWITTING DOU TO OTT .					-				1
	36.30	O LD	AL SMITCH.	SGI TO OFF					

SP NO	100	NAV INST	SERVICING PROCEDURES	AP101B-1000-5A3 E Section 1 (1st Edition)						
SHEET	108 48	CONTINUED	LIGHTNING	-	arl.	OH T				
		W1 40 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		AC I	NO .	DATE .				
the wor	and S	ervicing Notes are ailed on this care	e to be complied with throughout			RVICING RECORD	linar v	enta.		
			14//	(1)	(2)	(3)	(4)	(5)		
		NAV I	NSTRUMENTS	THE		GW .				
32.	Spe	ed and Height	Checks (Contd)	eto -	ndse a	all been bone	914	150		
32.51	PCU	climb	Select.			Are French C.	62	0.0		
	swi	tch.		10		guidend fin				
32.52	tes (a)	ot/Static t set. Vent to atmos valve. Balance	Close.			nob. 20/4P swates co.	0 8 83 64 8			
	(2)	valve.			1	mark (a				
	(c)	Pitot valve.	Operate to increase simulated airspeed to 200 knots.			manual (a				
32 53	дт./	AP switch.	Set to 'FD'.	B		anders in				
								21.0		
32.54	F'D 1	oead.	Ensure moves to vertically above centre.			na figura va	7 93 2 93	-35		
32.55	test	ot/Static t set ot valve.	Operate to increase simulated airspeed to 400 knots.			ofte tro	9			
32.56	FD 1	oead.	Ensure does not move.			A AND A COMME		- 6.6		
32.57		ot/Static t set.		8	1	Palantanan Balantan medale Balantan ing		. E 6		
	(a)	Port valve.	Close.		ď.	alloutes				
	(b)	Vent to atmos valve.	(i) Operate to reduce simulated airspeed to zero.			in and and a second		w2,4,		
	(c)	Balance	(ii) Close.							
	(d)	valve. Pump On/Off switch.	Set to 'OFF'.			- WOW 1 H		-25		
32.58		display heading	Depress and rotate clockwise to set selected heading pointer 20 degrees to Starboard.	Transmission of the contract o	¥	d appeare do participa condition 120 \ con \ con) 33+ I		
32.59	FD 1	pead.	Ensure does not move.	Dameston			i v			
32.60		display heading	Depress and rotate anti- clockwise to set selected heading pointer 20 degrees to Port.			and and an analysis of the second sec				
32.61	FD 1	pead.	Ensure does not move.							
		91			tinue					

HAP	2 NAV INS	-	SERVICING PROCEDURES LIGHTNING			101B-1000-5 Section	1 . 1						
	108 CONTINUEL	S CONTINUED DIGITALING			(1st Edit.				(1st Edition)				
THE REAL PROPERTY.	and Servicing Notes are to be complied with throughout					AC NO DATE SERVICING RECORD							
	and Servicing Not k detailed on thi			(1)	(2)	(3)	(4)	(5)					
	NT A	V TAR	TRUMENTS PROGRAM	1	\-/			1					
32.			Checks (Contd)					"SE					
32.62	Nav display unit heading knob.		Depress and rotate to align selected heading pointer with fixed lubber.	The statement of the st		Galic di dinarba	ritia p ritua roy 18 S roy 18 S	1.0E					
32.63	FD/AP switch	1.	Set to 'OFF'.			ad trans							
32.64	PCU. (a) Stab switch. (b) Master switch.	}	Set to 'OFF'.		- P.V.	timas va dalases dalves ralvos							
	(c) Supplies (d) Mode MI.		Ensure show Off.			dollara S	zako a r						
32.65	FD bead.		Ensure at top right.			- Lines	ad OR s						
32.66	Nav display unit mode selector.		Set to 'COMP'.			octobachill by them	den III.						
33. 33.1 33.2	General Instrument master switc MRG On/Off switch.	ch.)	Set to 'OFF'.			er Lado er Lado reg	rodel of IV a marify topid (4)	1 (5)					
33•3	Mk 1A MRG simulator.		(i) Disconnect. (ii) Remove.			Con Trock	y (d)						
33•4	Mk 2 MRG.		Reconnect aircraft cables to connectors J203 and J204.			melogalian salo Zin							
33•5	Mk 1 MRG.		Reconnect aircraft cables to connectors FS27 and FS28.		10.3	Charles and	and the second						
33.6 33.7	Instrument master swit MRG On/Off switch.	ch. }	Set to ON.	· ·			im.d						
33.8	Attitude indicator warning fla	g.	Ensure clears within 180 seconds. (Mk 2 MRG) or 17 to 35 seconds (Mk 1 MRG).			- Kurjana - Kurjana - Kurjana	b vall	0					
							Ph may	1 13					
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SP NO	2 108	NAV INST CONTINUED	SERVICING PROCEDURES LIGHTNING		AF	P101B-1000-5A3E Section 1	S J	HARK OU TO				
SHEET	50	97.60	50			(1st Edition) AC NO DATE						
-		N. I		AC J	ALCOHOL: STATE OF			•				
the wor	rk det	ailed on this card	to be complied with throughout	-	~	RVICING RECORD						
	-			(1)	(2)	(3)	(4)	(5)				
		NAV II	ISTRUMENTS		V.							
33.	Gen	eral (Contd)			1.6.0m	po) Latteria		45,5				
33.9		2 MRG first				aludet a	1.11					
		e test set.	Maria Oven es un transport			Lagrentin						
	(a)	Motor Off switch.	(i) Motor off MRG									
		SWILCH.	until a nose down attitude of 5									
			degrees is			un inen one		vil.				
			indicated on			n mones (s						
			attitude indicator.			Linn Y Gen						
	(b)	Erection	(ii) Set to 'OFF'. Set to 'NORMAL'.									
	(~)	mode switch.	Notified .									
33.10	At.t.	i tude	Check time taken for									
33414		icator.	indication to move from									
			4 to 1 degrees is			terr holdstate (in						
			between 70 and 150 seconds									
33.11		2 MRG first				- SCHOOL SAN						
	1.00	e test set.	to 1 deserted the second 1 of									
	(a)	Motor Off switch.	(i) Motor off MRG until a nose up		The state of the s							
		SWI U CIII	attitude of 5			& enterphysical		H.Y				
			degrees is indicated	3.1	gin	a Eding Light						
			on attitude			Wild 7 100						
			indicator. (ii) Set to 'OFF'.	9	and the same of	Alf dek lee	t-T1	161				
	(b)	Erection	Set to 'NORMAL'.									
		mode switch.	DIM The serion (f)			med All made	The state of					
33.12	Att	itude	Check time taken for			Chow Com The						
		icator.	indication to move from			ado fina Til						
			4 to 1 degree is			Wh 1757		27				
			between 70 and 150 seconds.									
22 42	7/11-	2 MRG first	ATTANAMA OF THE CER									
33.13		e test set.				atara kadi	Ø.	EL				
		Motor Off	(i) Motor off MRG			. no tro-the						
		switch.	until a right wing									
			low attitude of 5			_						
			degrees is indicated on			med All own	100	-1.5				
			attitude indicator.			THE RESERVE AND THE						
	<i>(-)</i>		(ii) Set to 'OFF'.			AND DESIGNATION OF THE PARTY OF	1					
	(b)	Erection mode switch.	Set to 'NORMAL'.			ST 1994 - 181						
		MOGO SWITTOIL										
	010/	26		-	tinue	<u> </u>						

CHAP 2	NAV INST	SERVICING PROCEDURES		AP	101B-1000-5A Section	3 E	TABLE
SP NO 1:08	CONTINUED	LICHTNING			(1st Edition) 1	ूर बह
sheer 51	terad	97	AC NO DATE				
		to be complied with throughout			RVICING RECO		
the work de	tailed on this card		(1)	(2)	(3)	(4)	(5)
	NAV IN	STRUMENTS		1			
33. Ge	neral (Contd)			4.10	st) Leroe	200	
33.14 At	titude	Check time taken for			P) psik c		
	dicator.	indication to move from 4 to 1 degree is between 70 and 150 seconds.			on denner o To go laki Lakir himer	H.I. (e)	
	2 MRG first	d to short the					
	ne test set. () Motor off switch.	(i) Motor off MRG until a left wing low attitude of 5					
		degrees is indicated on attitude indicator.		dos	restanda.		
(k	Erection mode switch.	(ii) Set to 'OFF'. Set to 'NORMAL'.			molkant	bn Z	
33.16 At	titude ndicator.	Check time taken for indication to move from 4 to 1 degree is between 70 and 150 seconds.			un Dan 5 is teat a 31 years.	arti.	A.E.C.
ar	ab-items 33.17 opplicable only itted.	to 33.25 inclusive are if a Mk 1D or E MRG is			- INGERERIS		
33.17 Te	est set PL4.	Remove shorting plug and connect to test point J.			Eines tel. ou		
s	ype 8A test et MRG Motor ff switch.	(i) Motor off MRG until a nose down attitude of 4 degrees is indicated on attitude indicator. (ii) Set to 'NORMAL'.			abudi abudi antan		ILTE
33.19 A	ttitude ndicator.	Check time taken for indication to move from 4 to 1 degree is between 50 and 70 seconds.	The second secon		ten denat 120 yezholi 130 yezholi	nex± C	
s	ype 8A test et MRG Motor off switch.	(i) Motor off MRG until a nose up attitude is indicated on attitude indicator	•			(8)	
	o/ 93 A	(ii) Set to 'NORMAL'.	C	ontin			

52 SHEET 52	NAV (Contd	INSTRUMENTS		The state of the s	0	(1st Edition)DATE.		Cald. A		
Safety and Service the work detailed	NAV (Contd	INSTR UMENTS	roughout	The state of the s	Mark Street Street	Constitution of the second second second second second second second second second second second second second				
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indica		indication to mo 4 to 1 degree is 50 and 70 second	ve from between			qmoo leefno was Shareri	o . A S.			
33.22 Type 8 set MRO Off sw:	Motor	(i) Motor off until a ri low attitu indicated attitude in	MRG ght wing de is on	位置)		aracc bas Wisk b T. c A Pitoti satio test	A E			
		(ii) Set to 'NO	Charles and the same of the sa							
33.23 Attitud indicat		Check time taken indication to moderate is 4 to 1 degree is 50 and 70 second.	ve from between	n a	Λ	Laure				
33.24 Type 81	test	(i) Motor off		24		dev tand Go				
set MRO	Motor	until a le	ft wing de is	je	1	retuso Gl	£ 9			
		attitude in (ii) Set to 'NO	ndicator.		1	Lectoria 2.1				
33.25 Attitud indicat		Check time taken indication to moderate is 4 to 1 degree is 50 and 70 seconds	ve from between	3	a In Sp	Laure despeti Liquie desp Liquie de L An and de L				
33.26 MRG On/	Off))	TOLLE	GR.L.						
switch.		Set to 'OFF'.				Laxences	2	- 44		
33.27 Instrum	- Angelia de la companya de la compa		dotting (j		b.bl.limg.lm	4	. 20		
	switch.)		uromail (J.			egir Laron	9			
33.28 Mk 2 MI line te	G first	(i) Disconnect (ii) Remove.	• stryoke			Louised	9 9	- 7		
33.29 Electro		Refit blanking c	an to			enterior				
unit. MRG).		test point 'Q'.	allo dodie		- Lo	d enelgist		» č,t		
33.30 Type 8A	test set					, alto origin				
	nector	Disconnect and r from test point FCC.					in the second			
(b) Cor PL	nector.	Disconnect and r from aircraft te								
(c) Cor PL/		F and L. Disconnect and r from aircraft te J.								
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CHAP	2 108	NAV INST	SERVICING PROCEDURES LIGHTNING				C I	
-	53	CONTINUED		(1st Edition) AC NO DATE				
-			to be complied with throughout	AC I	CHARLES SELECTED	RVICING RECORD		
the wor	and a k det	Servicing Notes are tailed on this card.	to be complied with throughout	(1)	(2)	(3)	(4)	(5)
		NAV TN	STRUMENTS		1		147	- 07
2.2	Con	neral (Contd)			14.11			
33.					e i me			-64
33.31	COL	ntrol computer.				ebrithir dioxeless		
33.32		rcraft test						
	-	ints.) F and L.	Fit blanking caps.			trad the sec	m e	
) J.	Fit shorting plug.			actor DAM is		
33.33		4 Pitot/ atic test t.	(i) Disconnect.(ii) Remove.			. (O five 12		
		AIF	COMMS COMMS	40		ebutif Uncetab	A &	12.61
34.	Ge	neral		-				
34.1		S test set pe 391.	Remove.	PER PER PER PER PER PER PER PER PER PER		Jess als on	ep = k	
34.2	IL	S master)				articular (MIM) de la companya	100	
34•3	IL	itch.) S channel) itch.)	Set to 'OFF'.			2300 d lista de . 35		
34•4	po.	ternal wer supplies. c and dc).	(i) Switch off. (ii) Disconnect.			0 lord 24 13 nation 6 lo	I i	
		A	IRFRAME			Panel and		
35.	Ge	neral				1000		
35.1		draulic	(i) Switch off.(ii) Remove.		N.	diamenta orien unia	ul Y	
35.2	Co	ntrol	Remove.		1	mili Dig S. At the A	TOT C	
		rface				o i martina		
35.3	Ta	otractors.	Switch off.			ti shi) . eu		
	sy	rstem.			Nego	Stand All mo	in a	
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